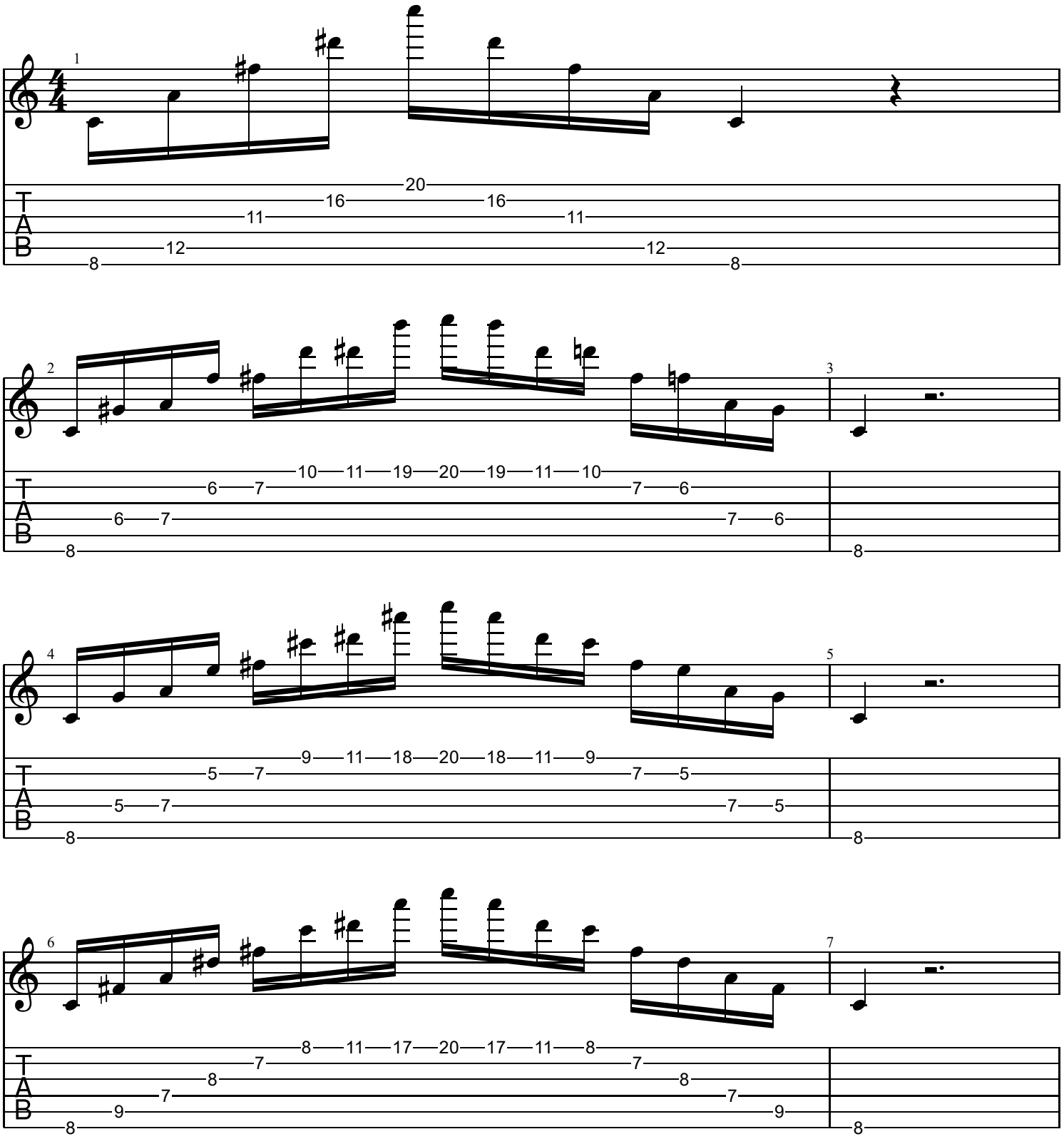
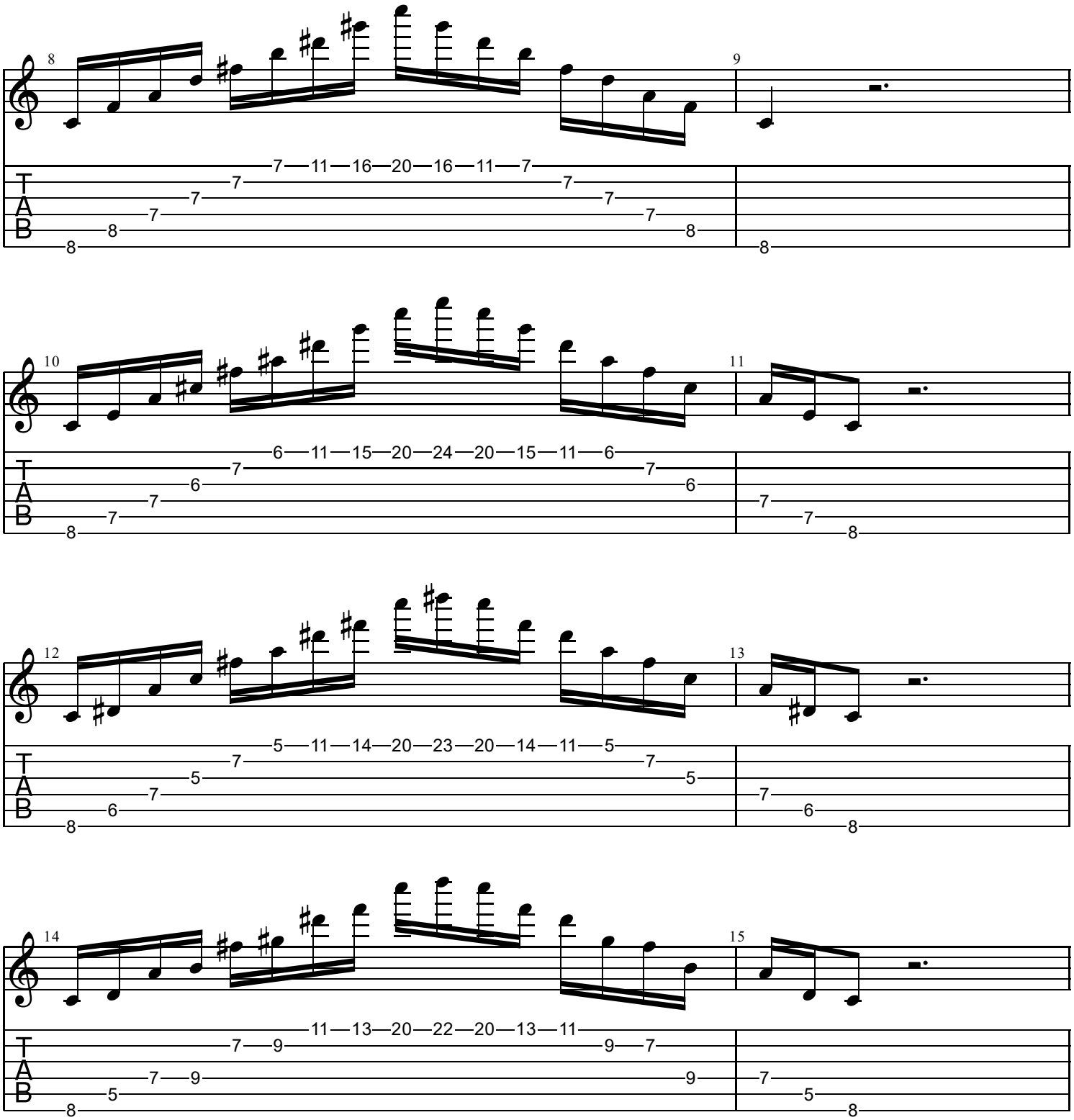
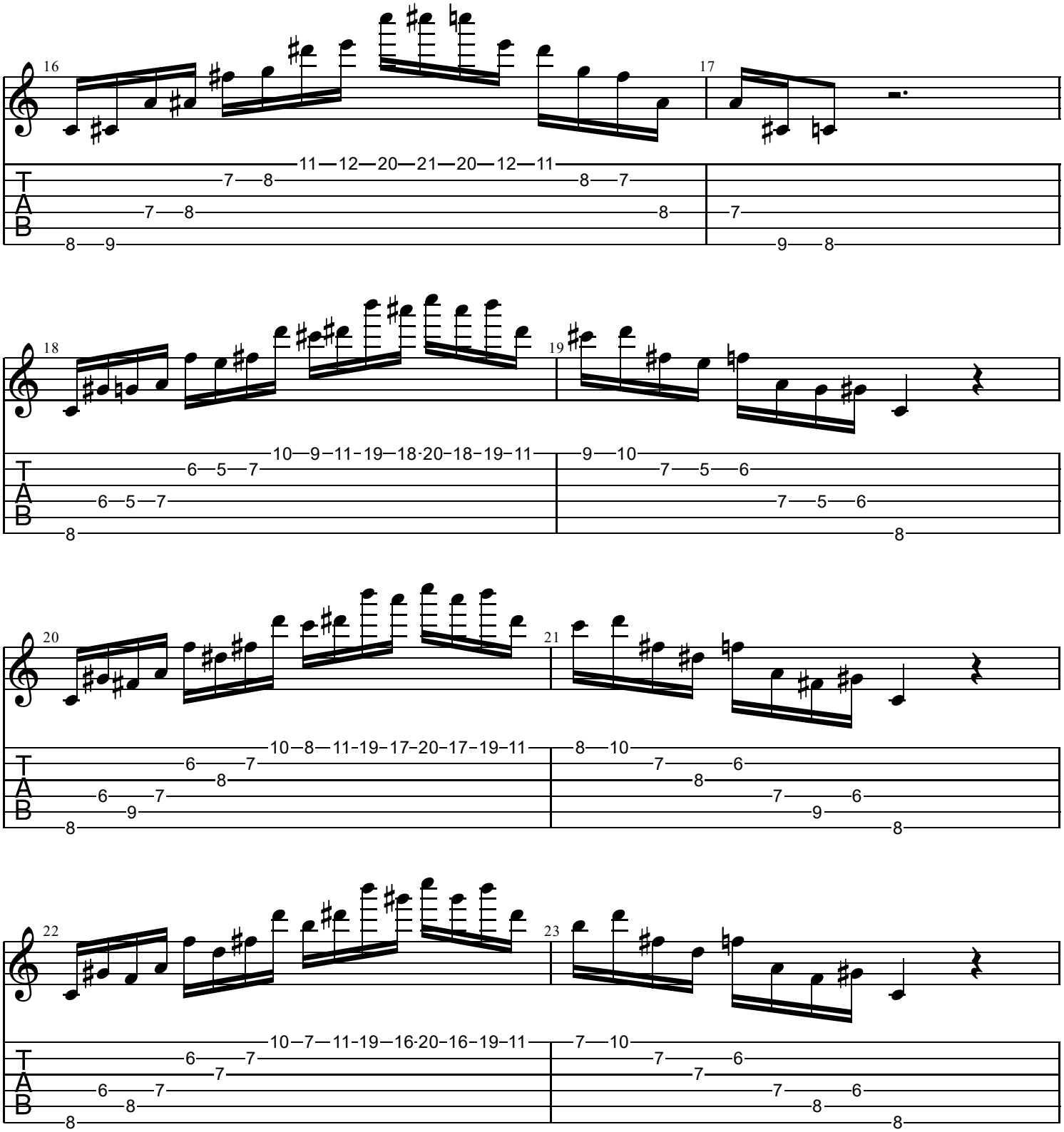
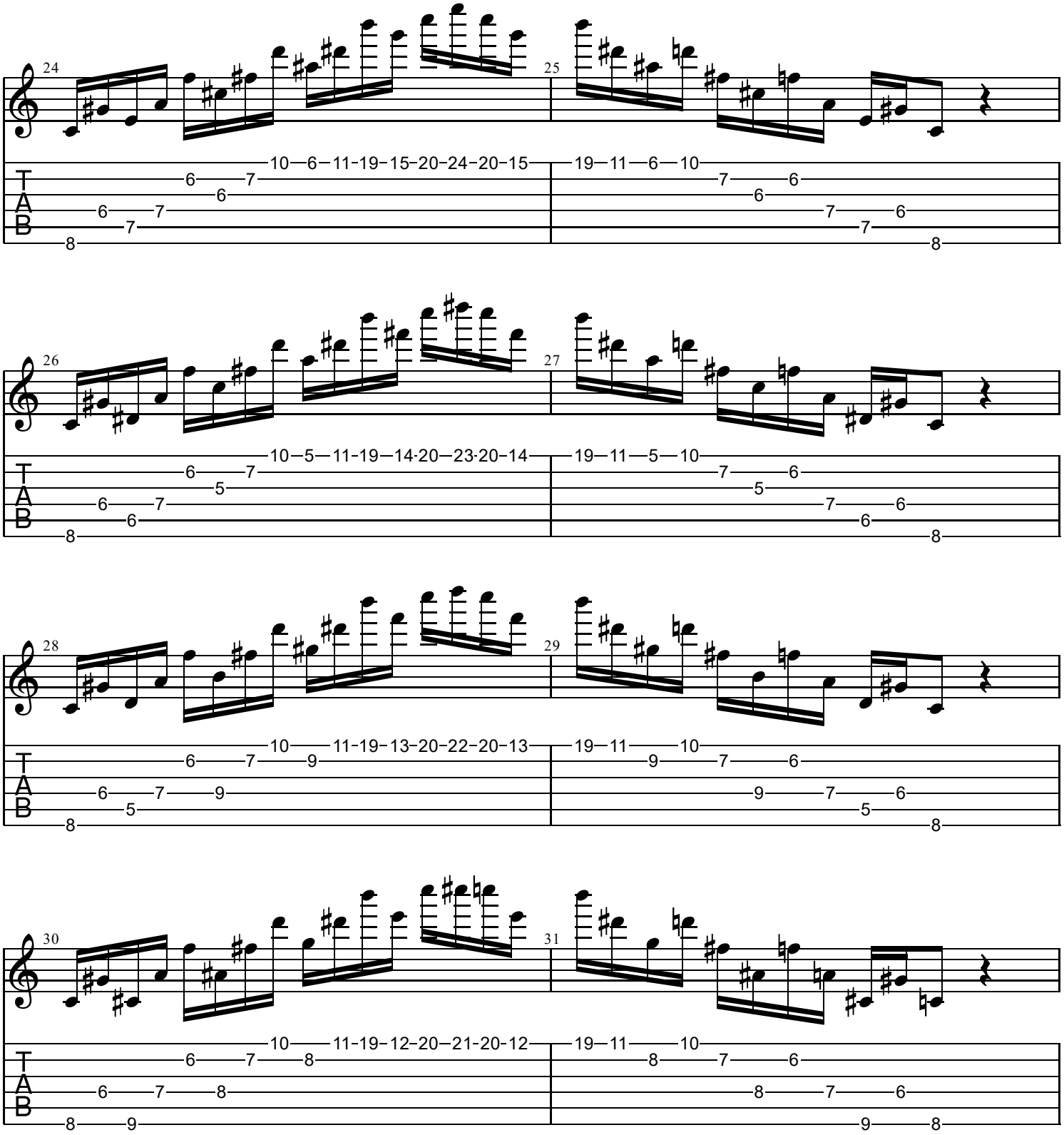
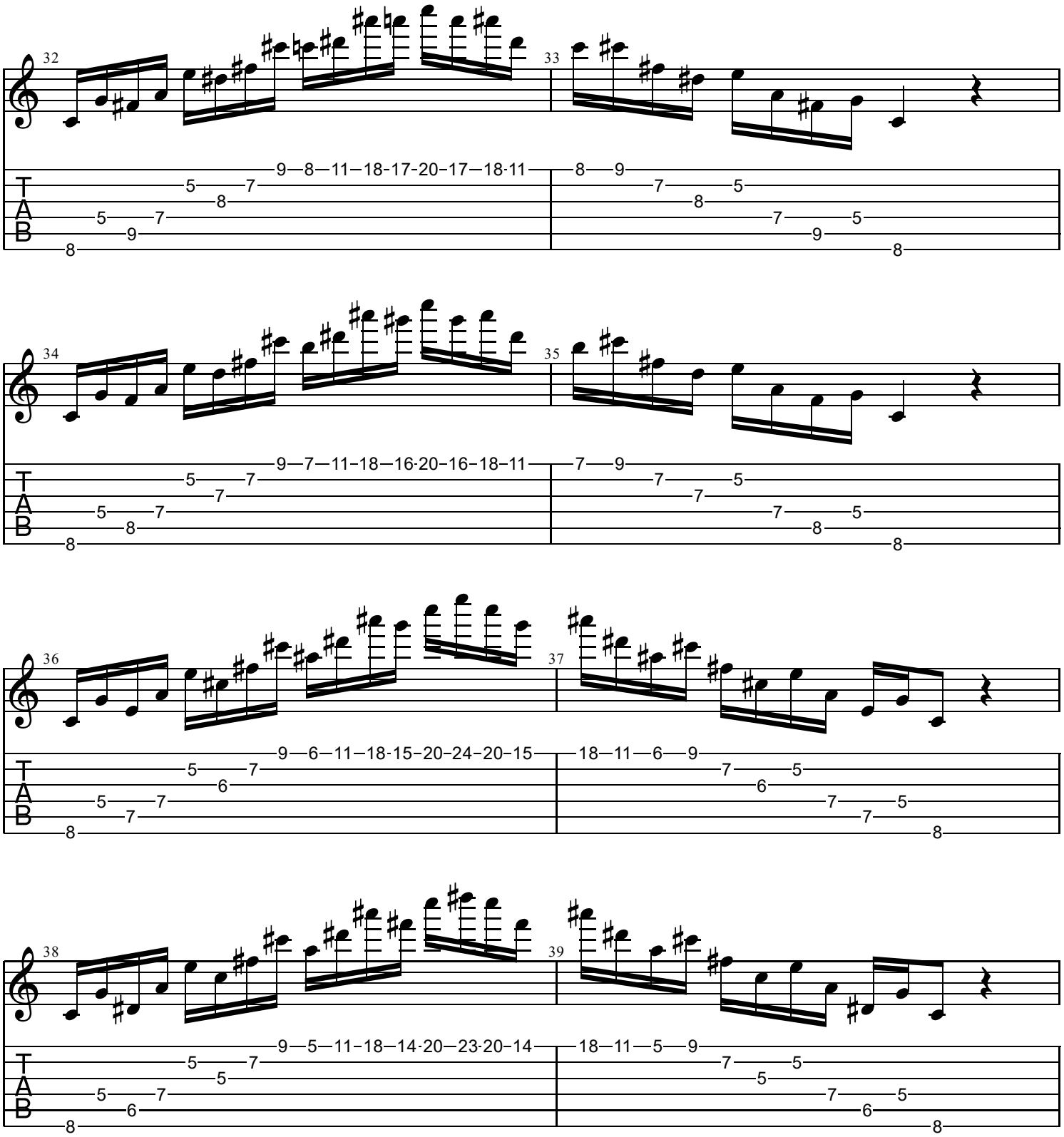
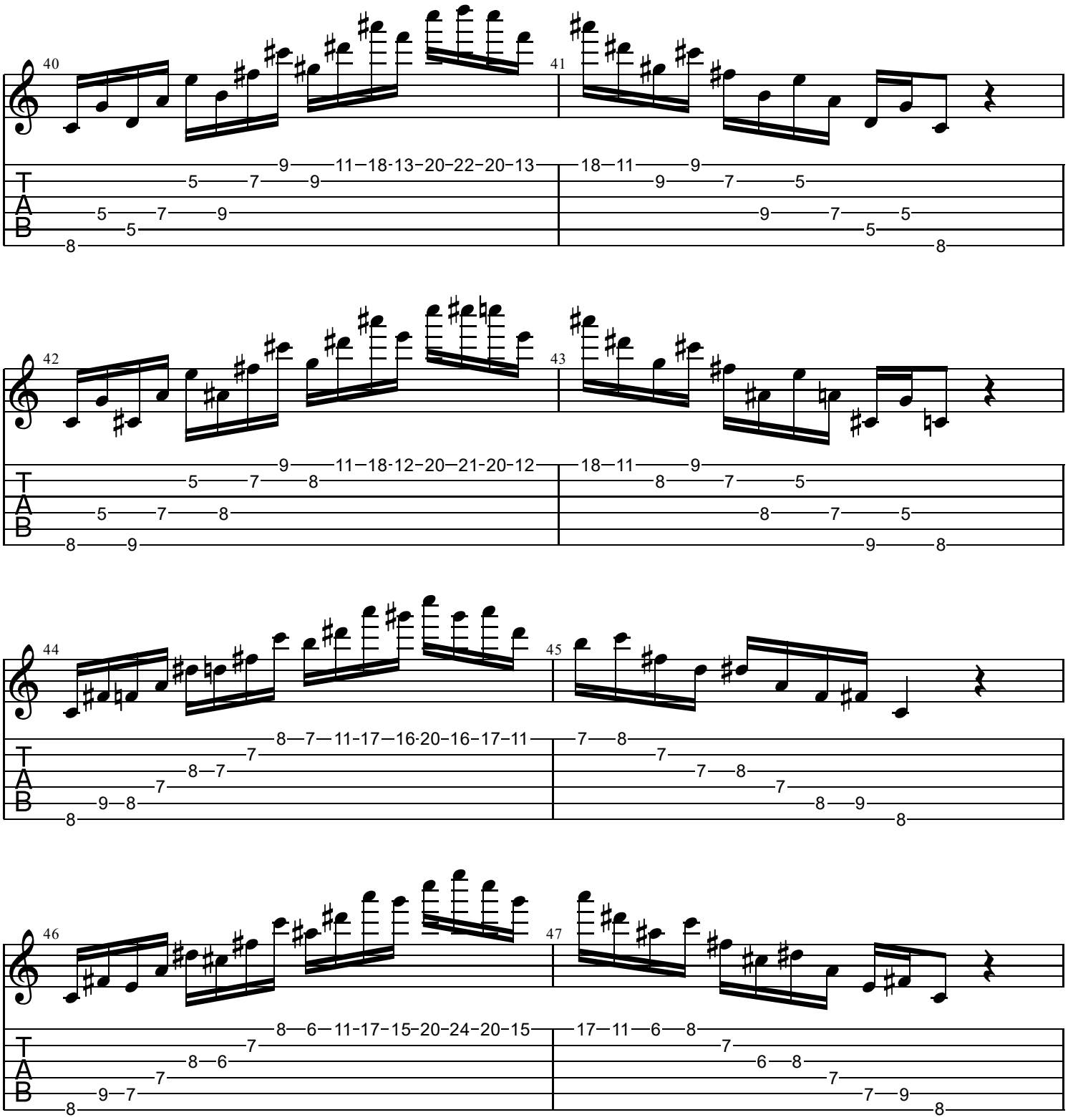
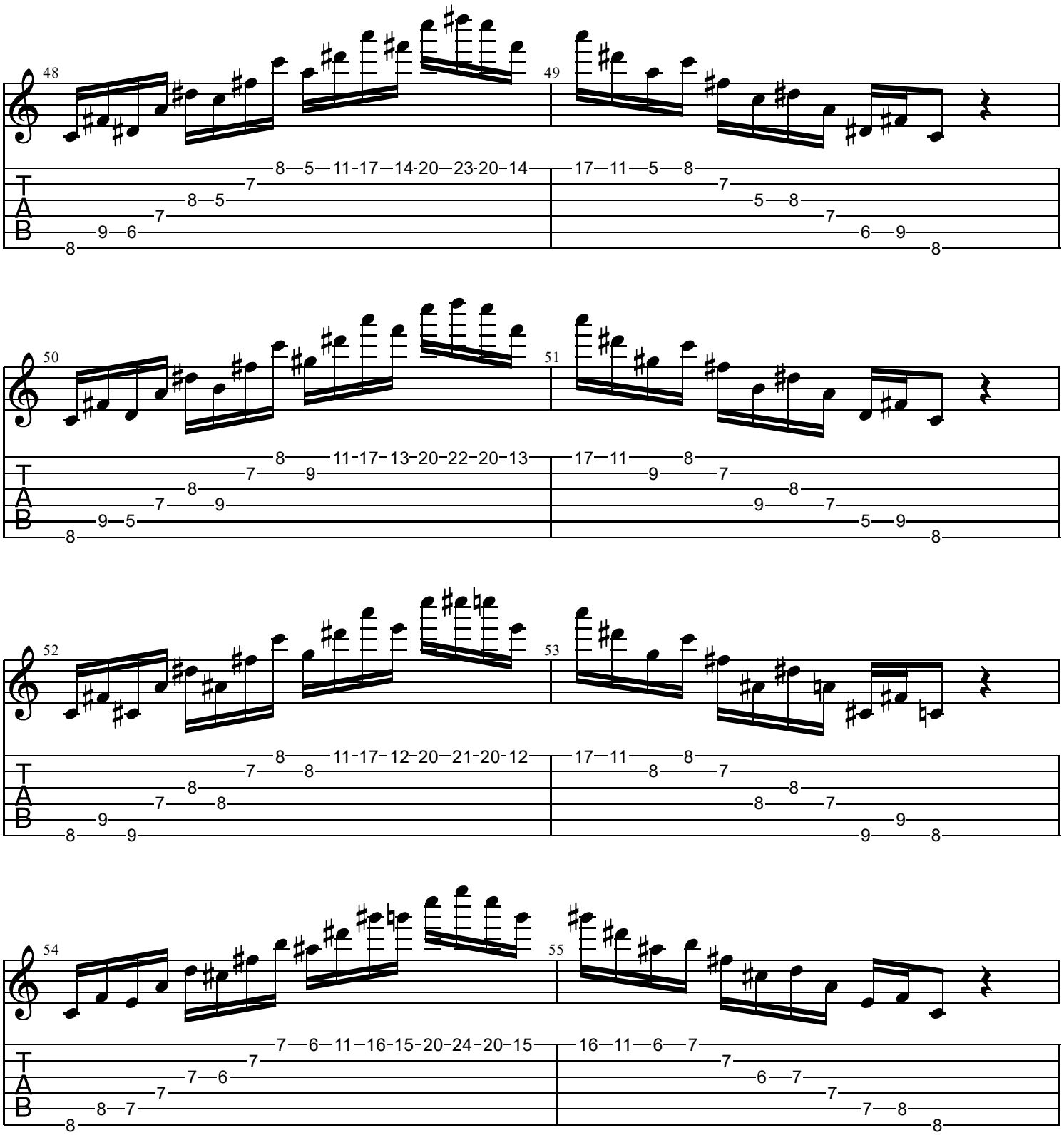
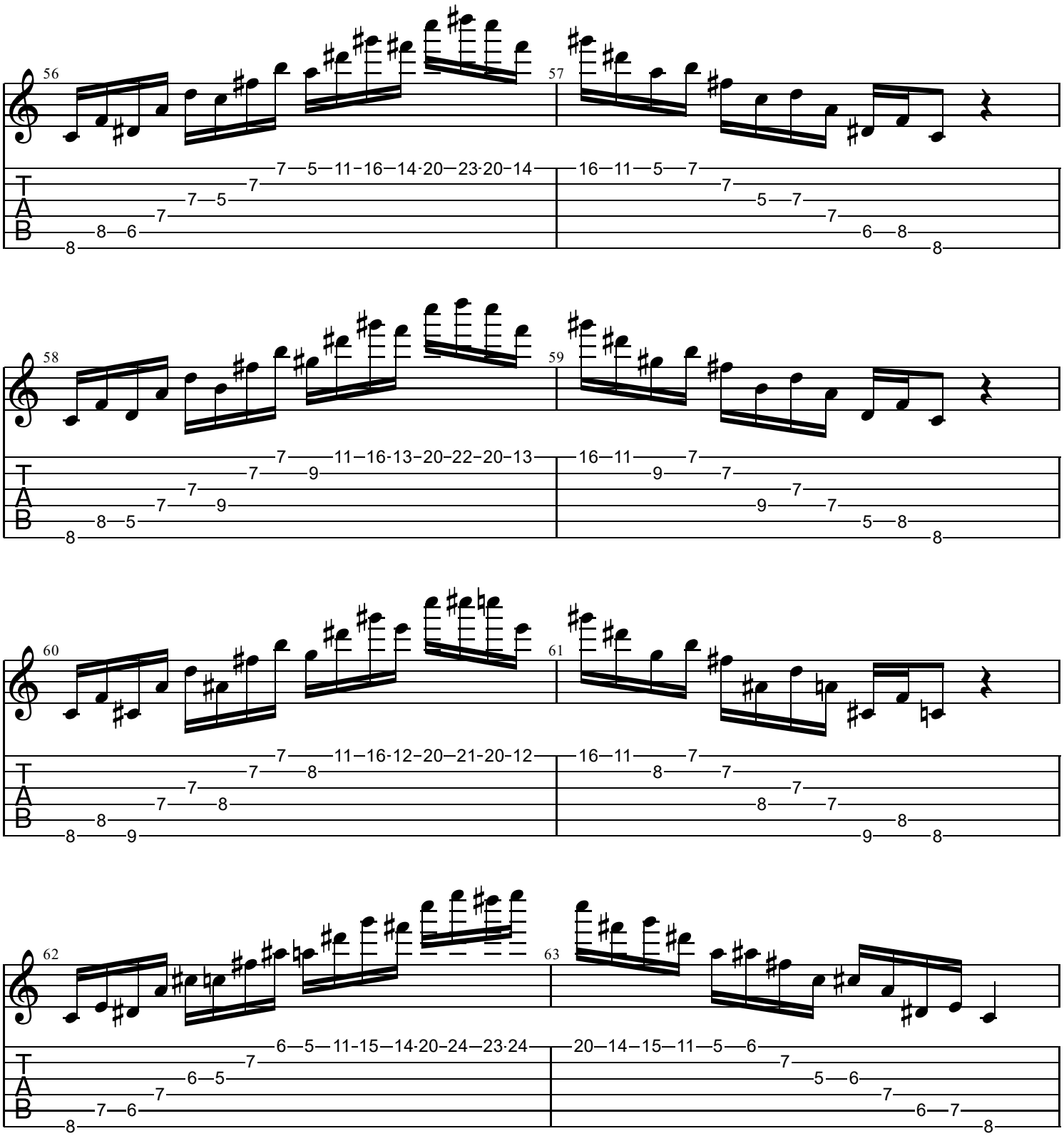
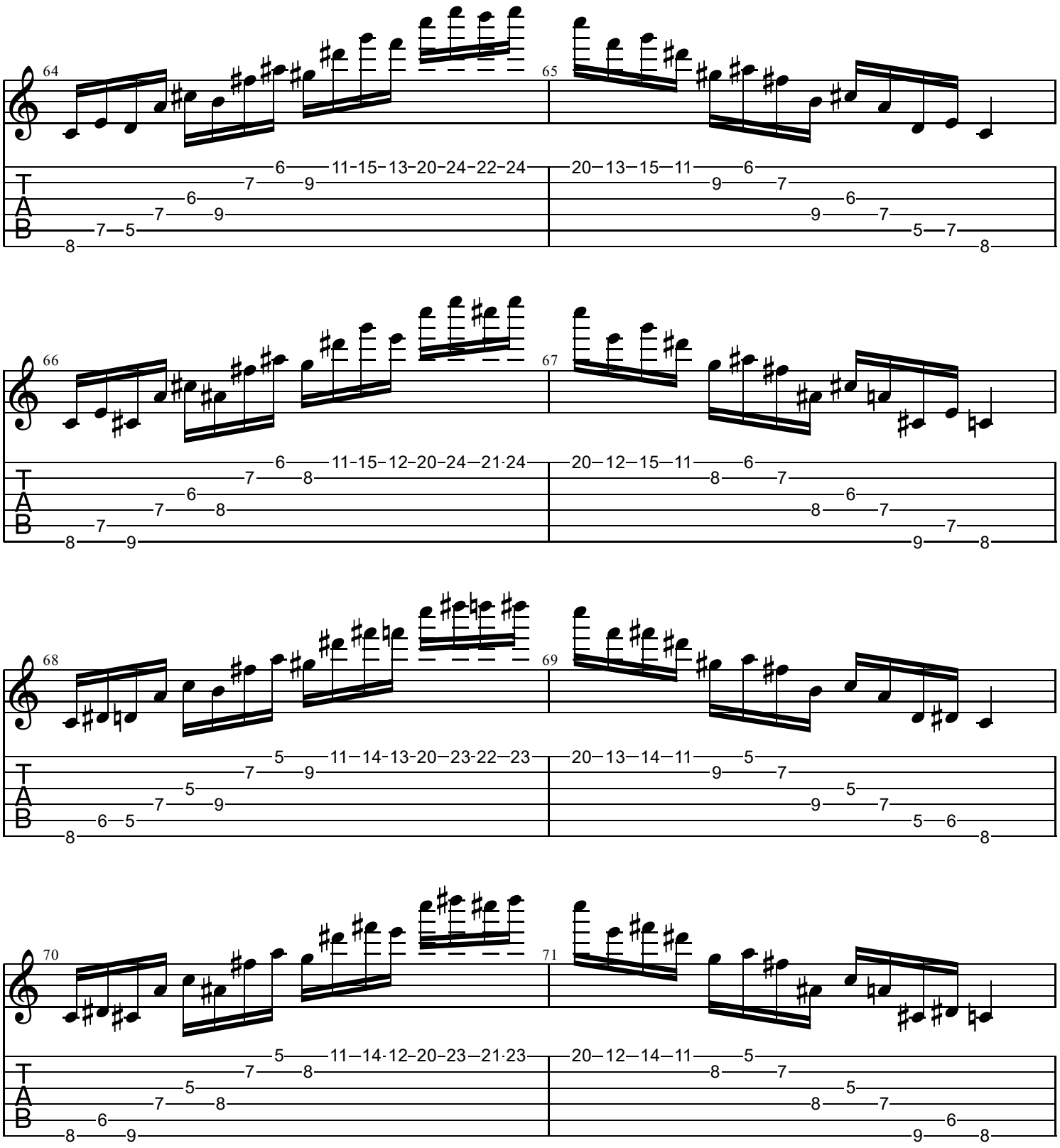
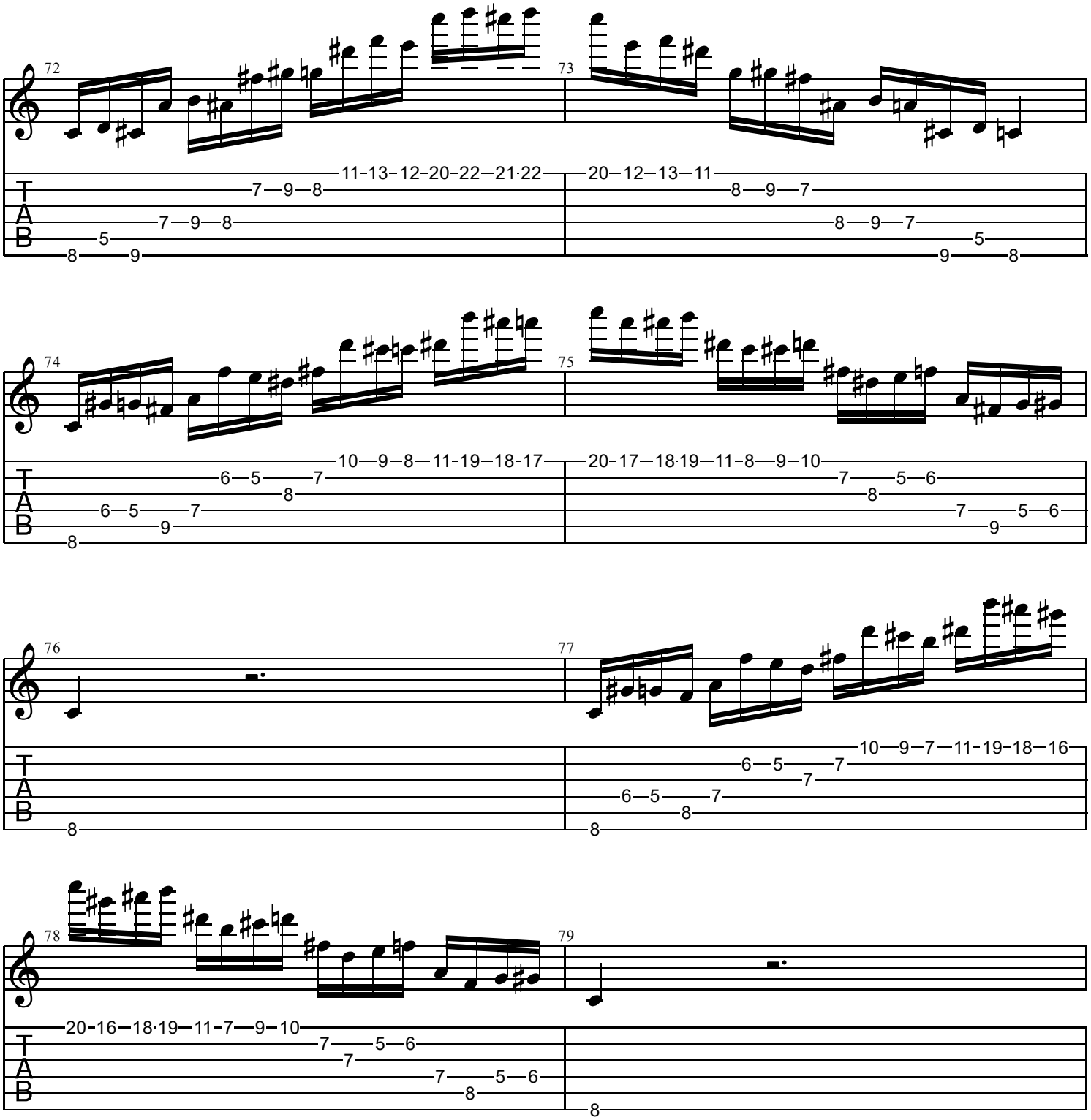
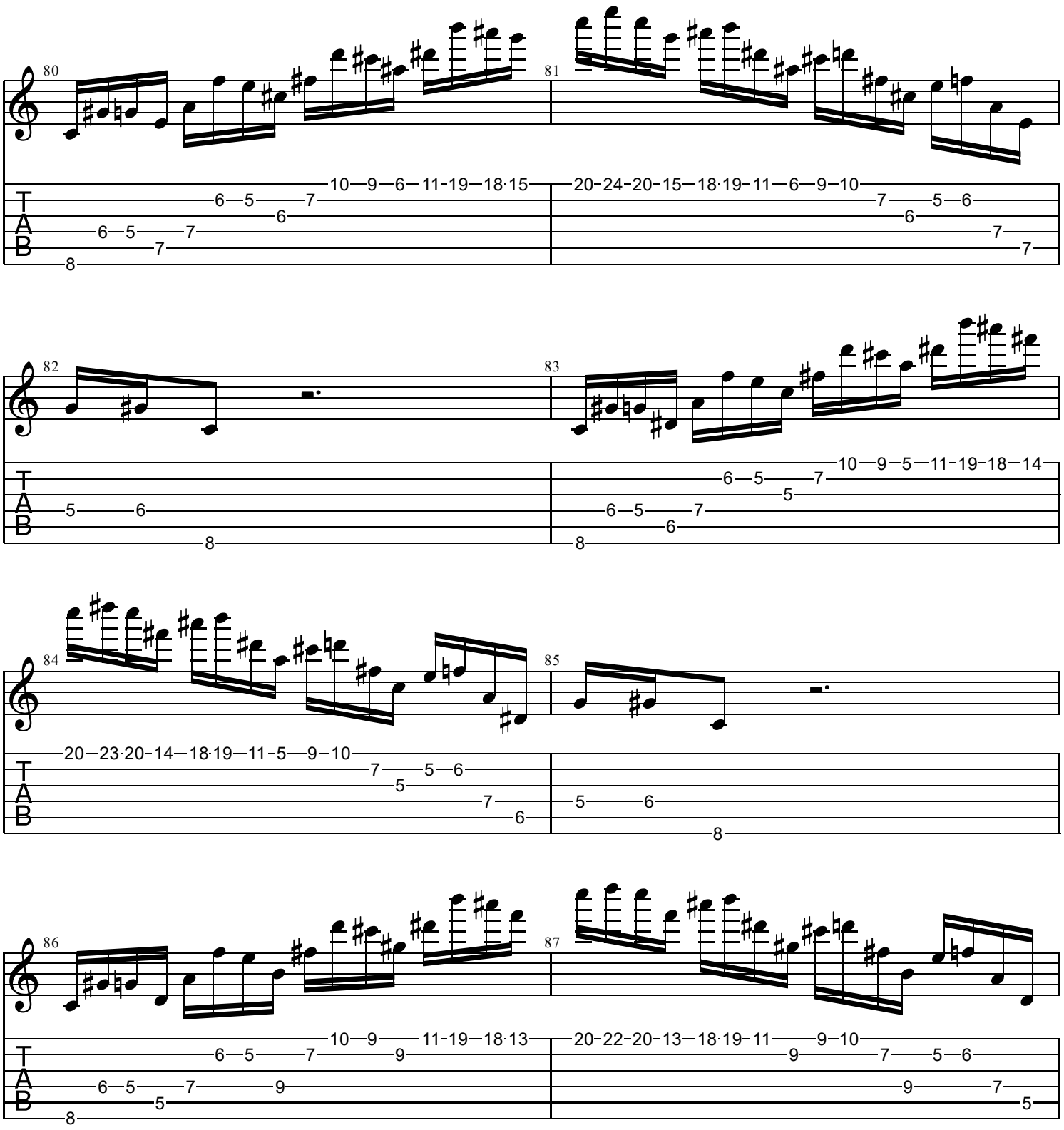
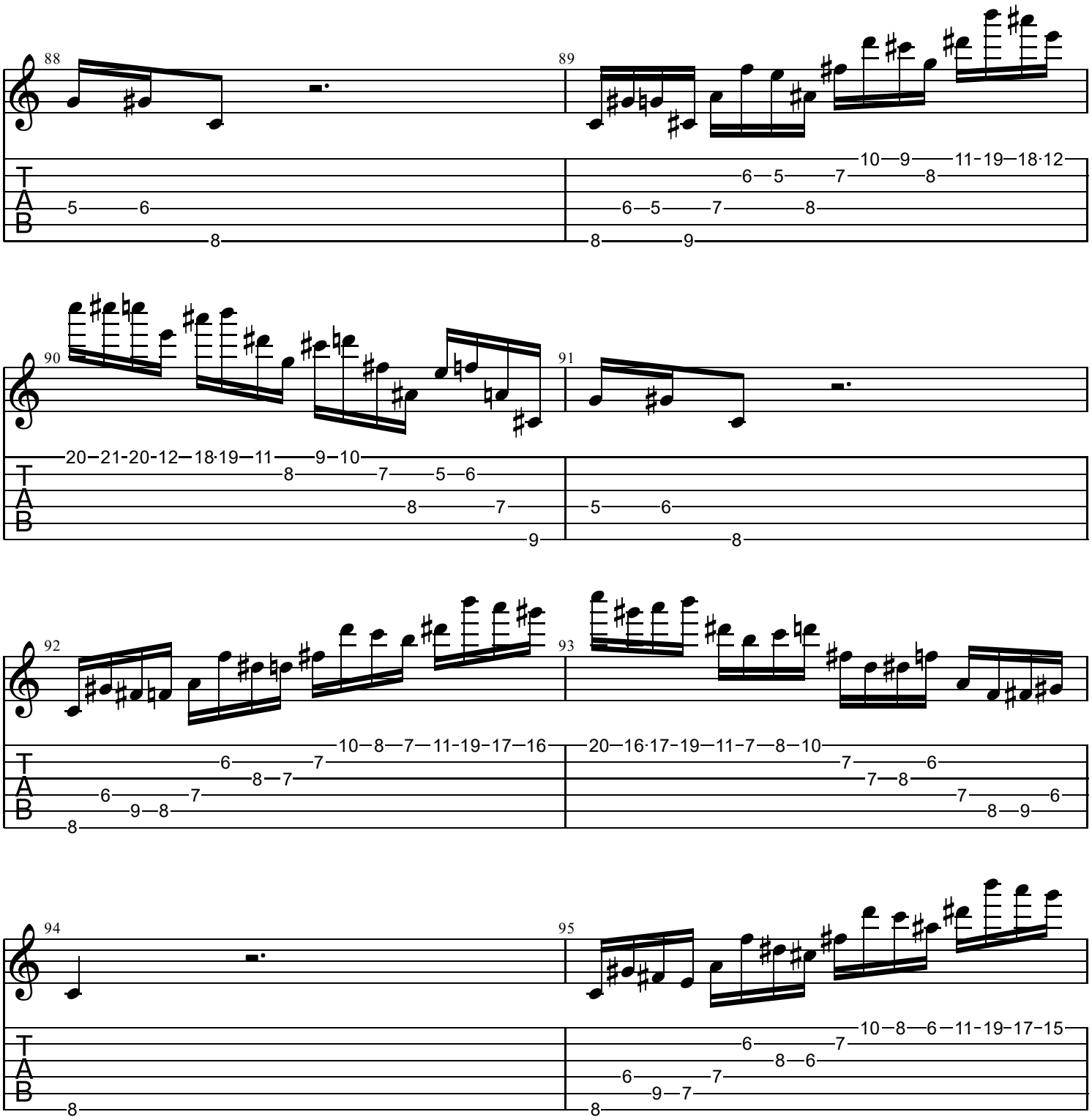
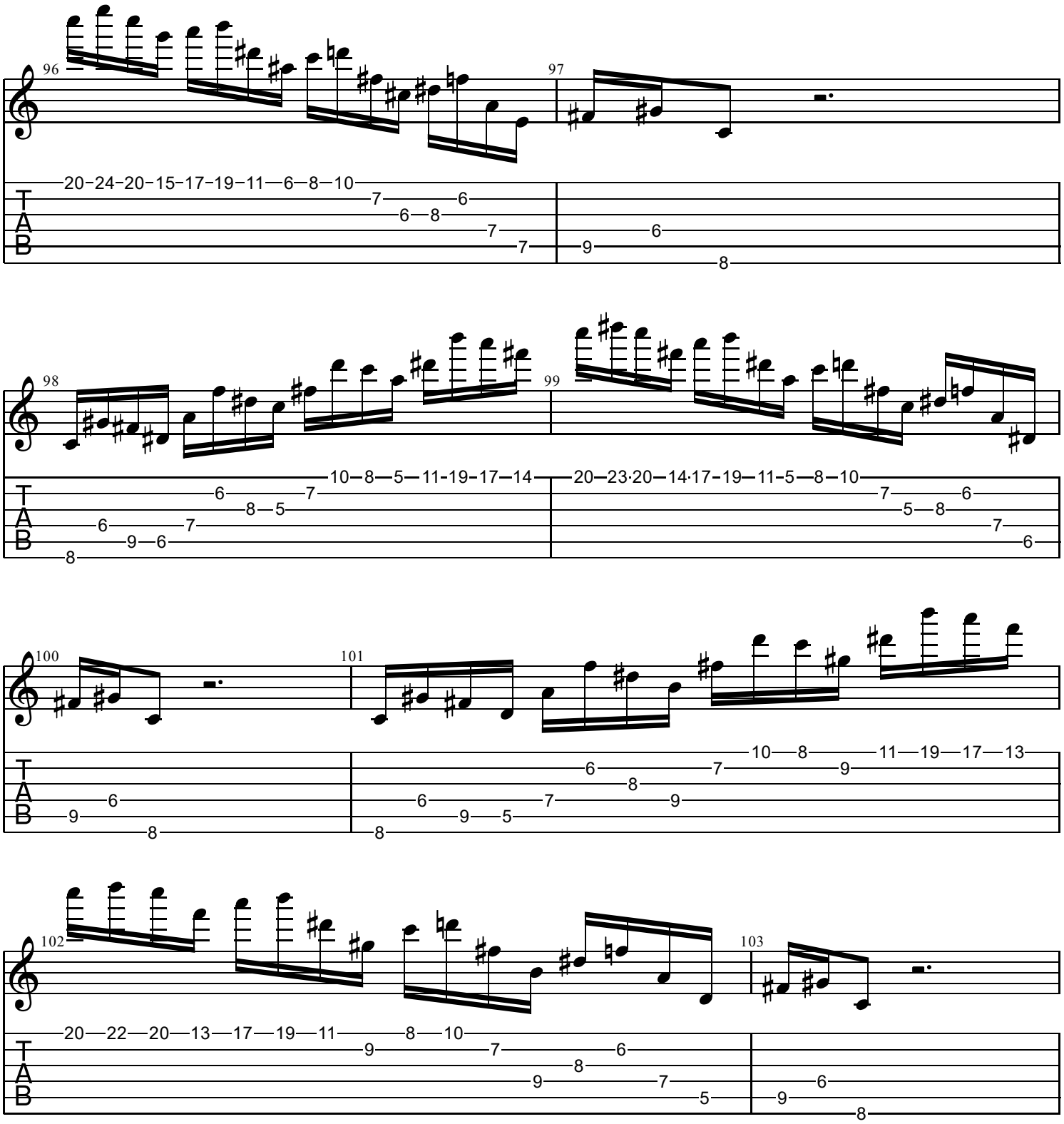
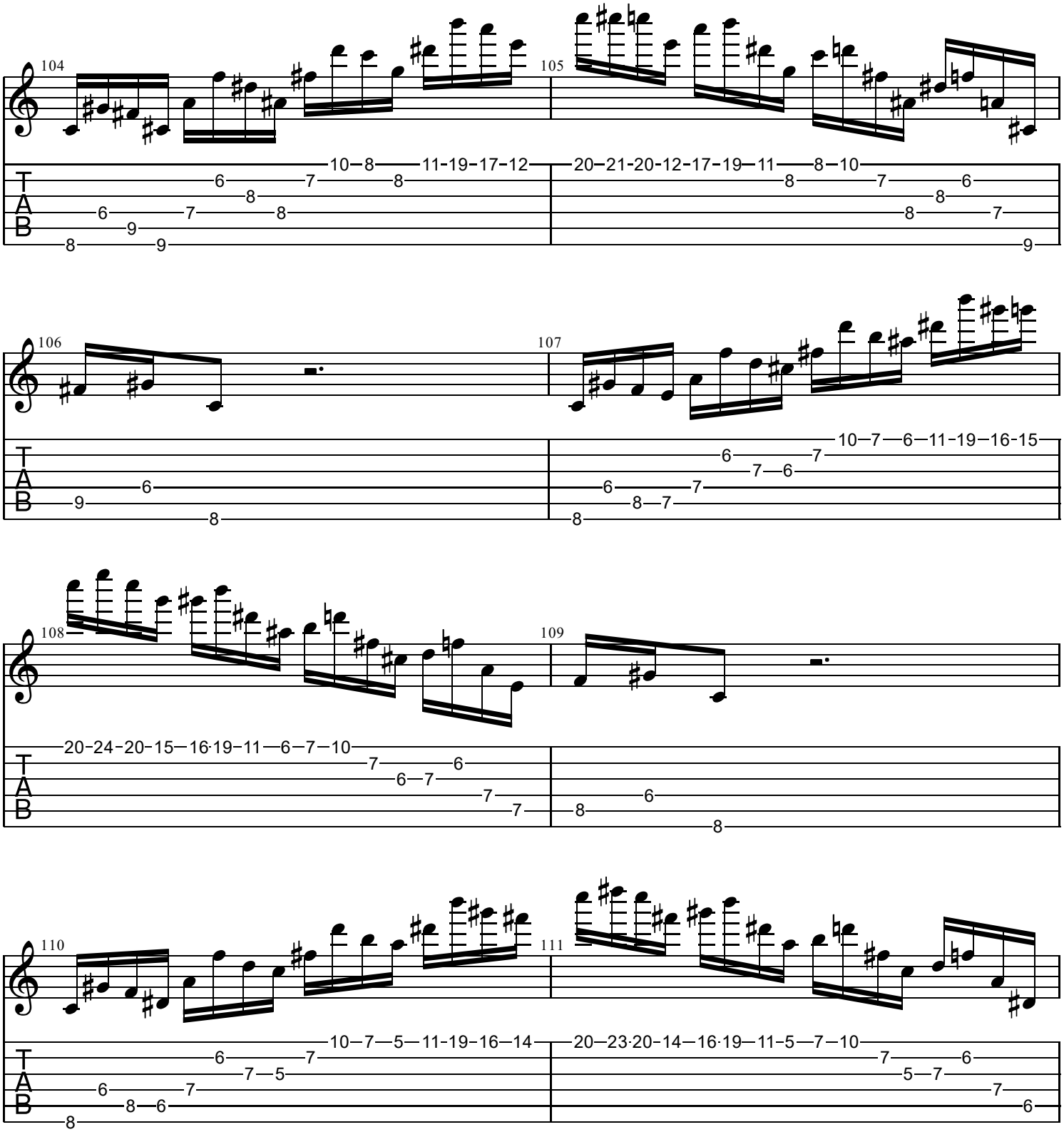
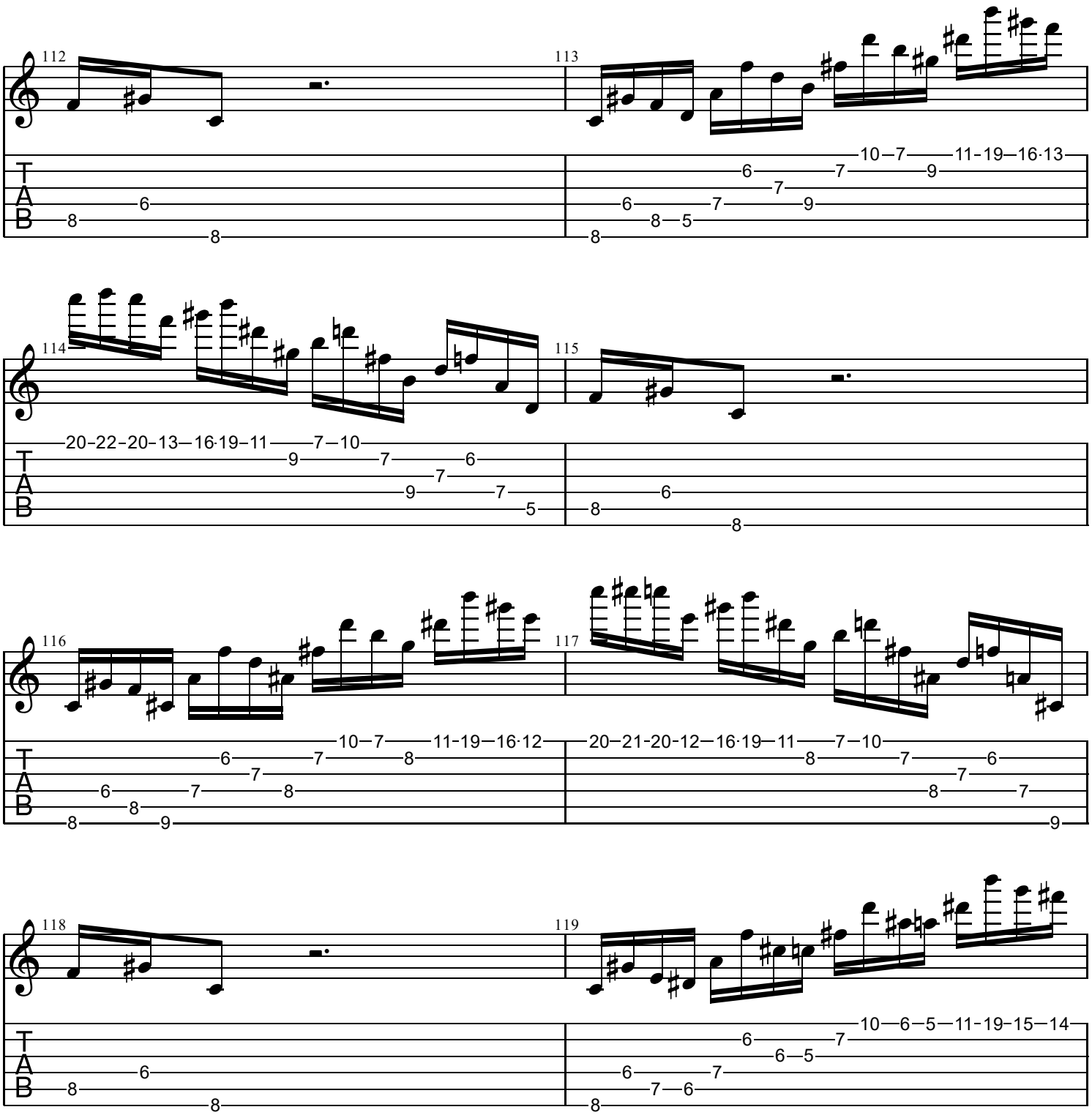
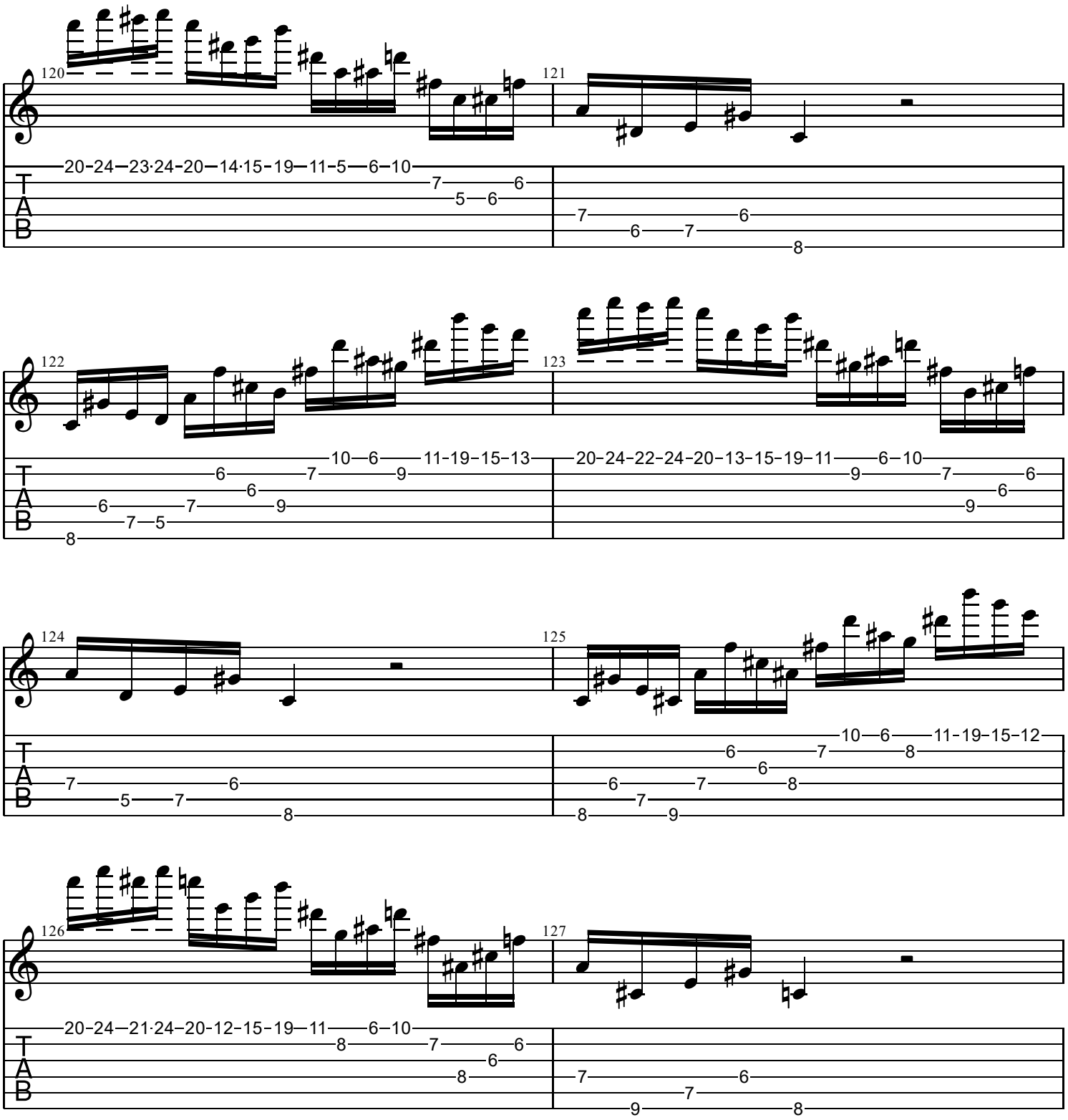
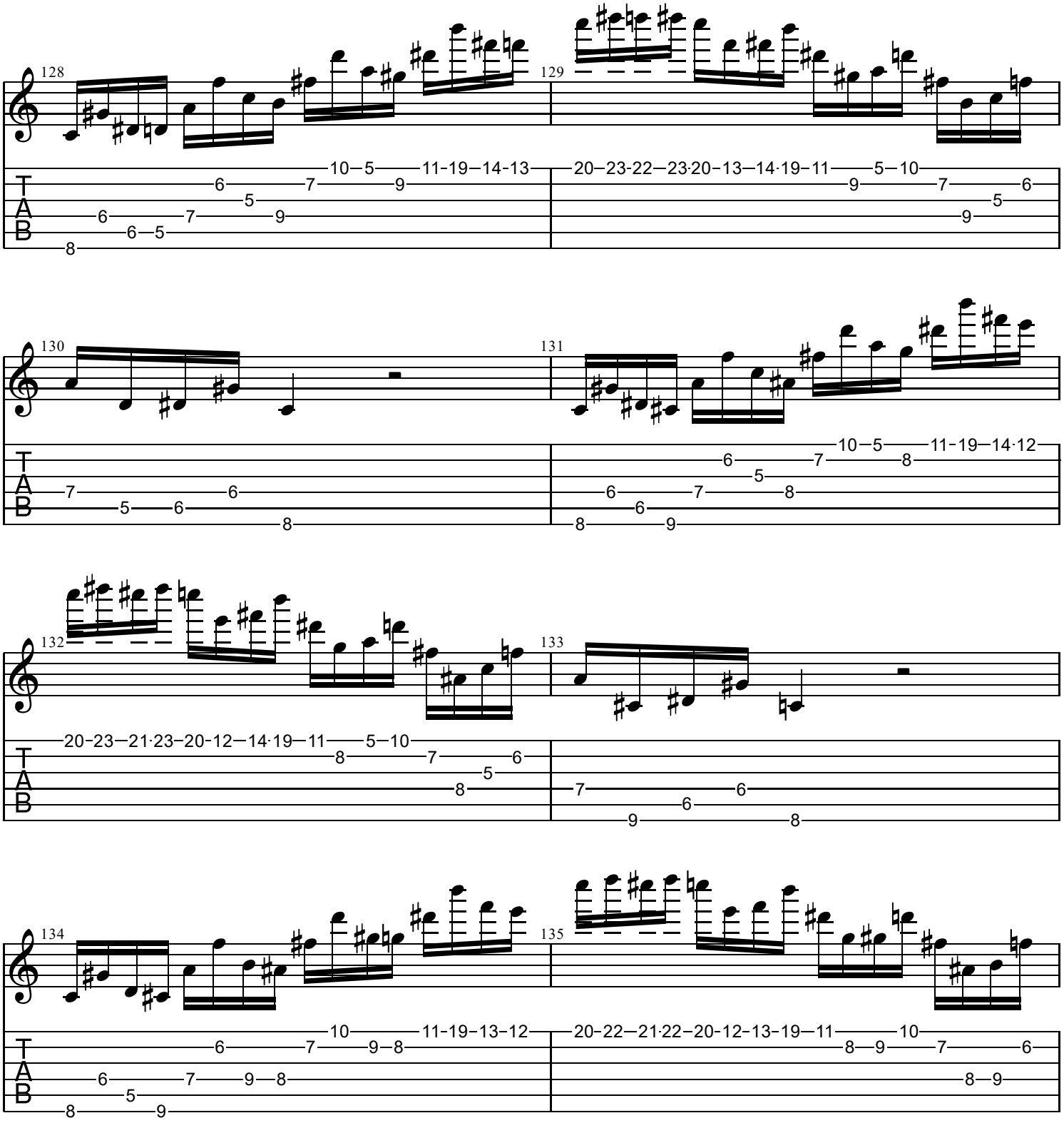
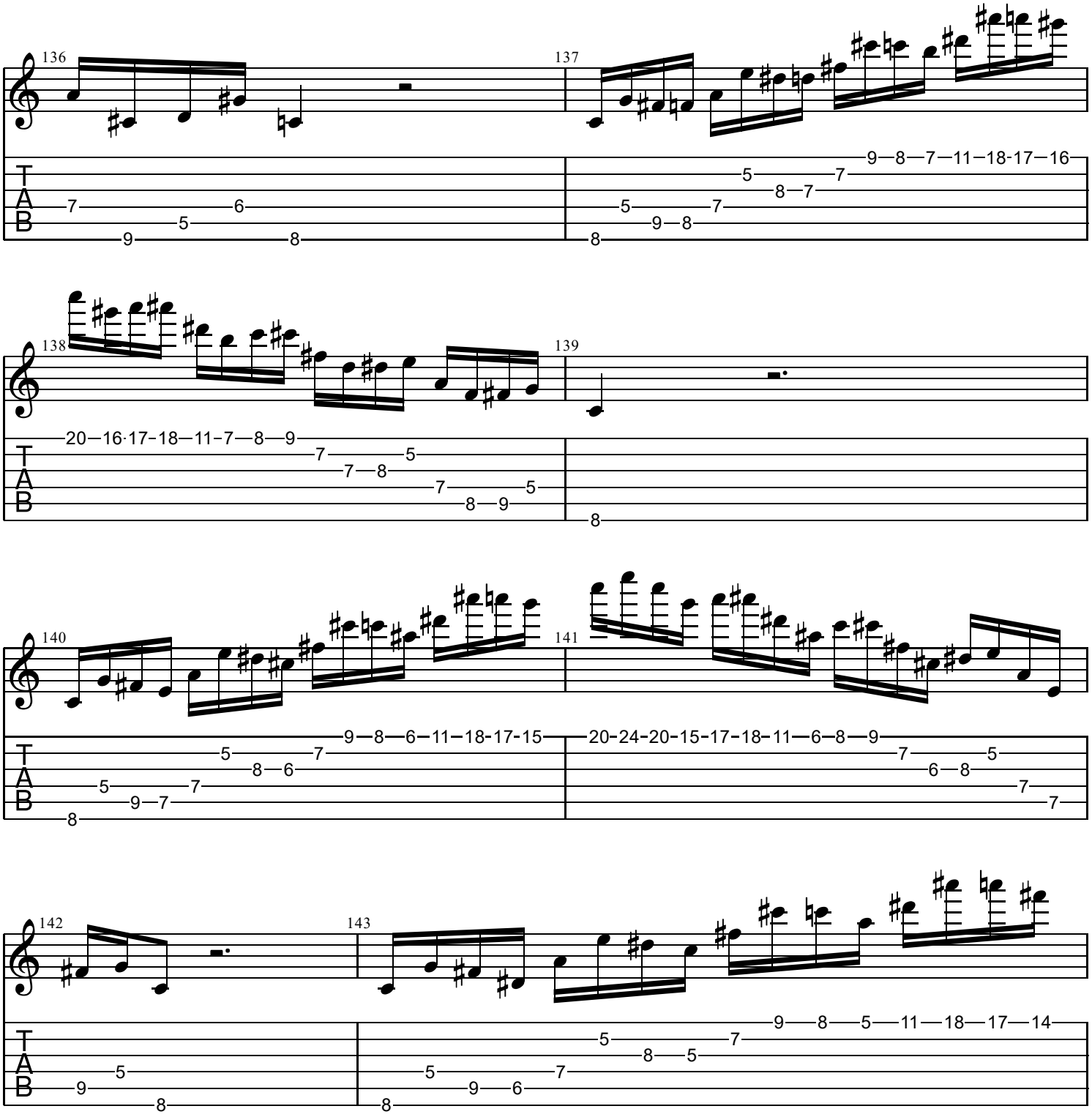
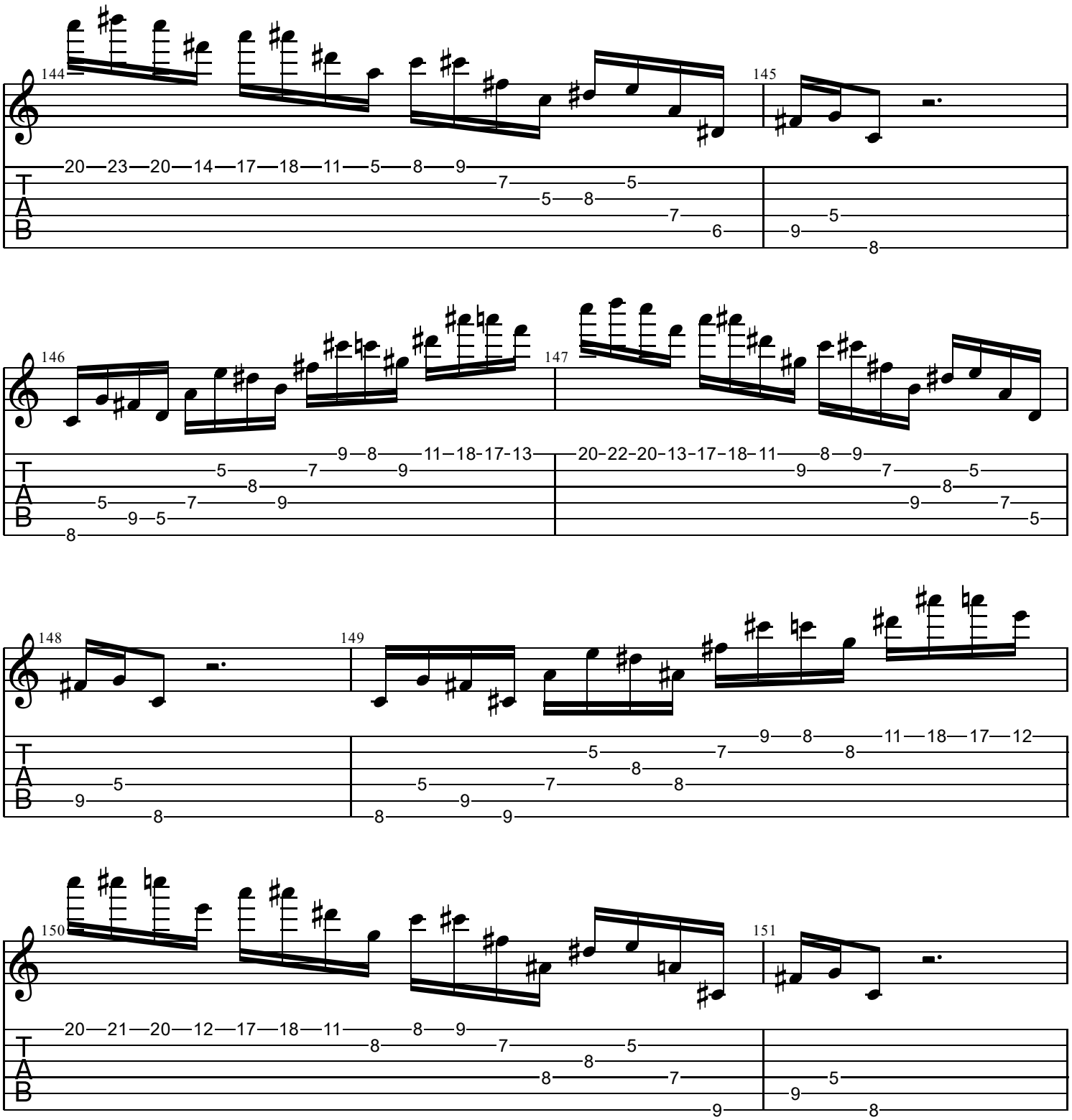
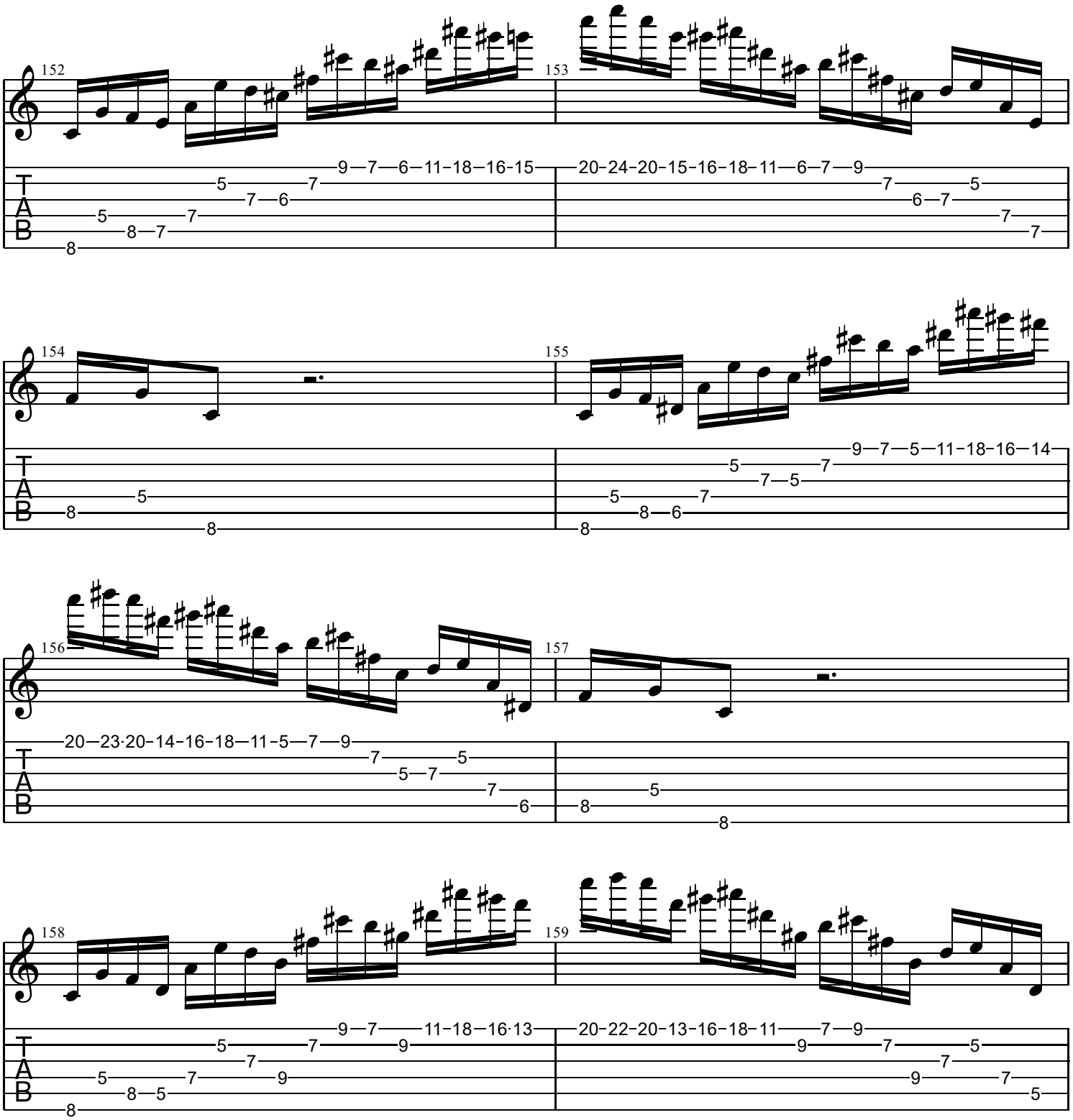
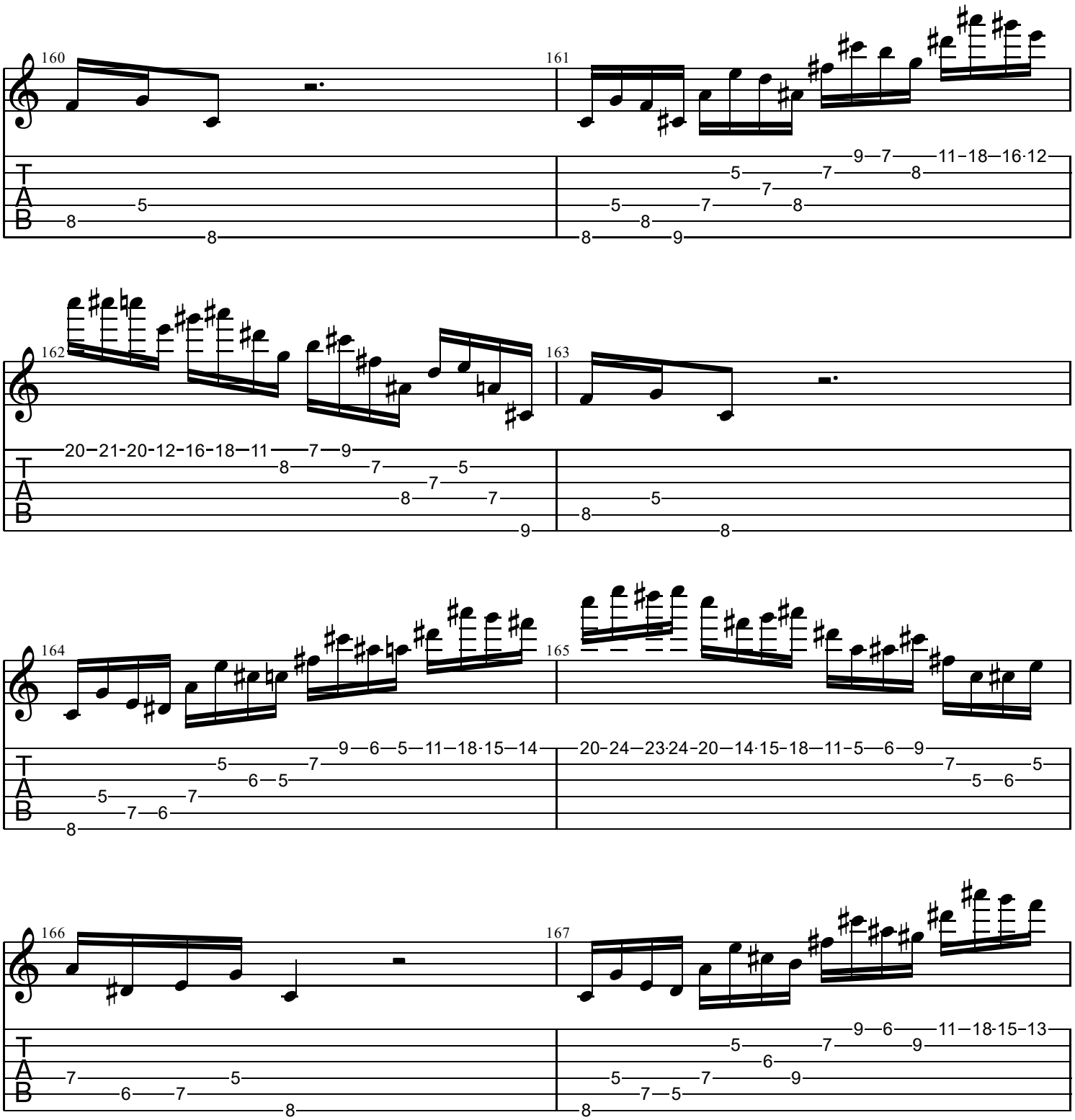
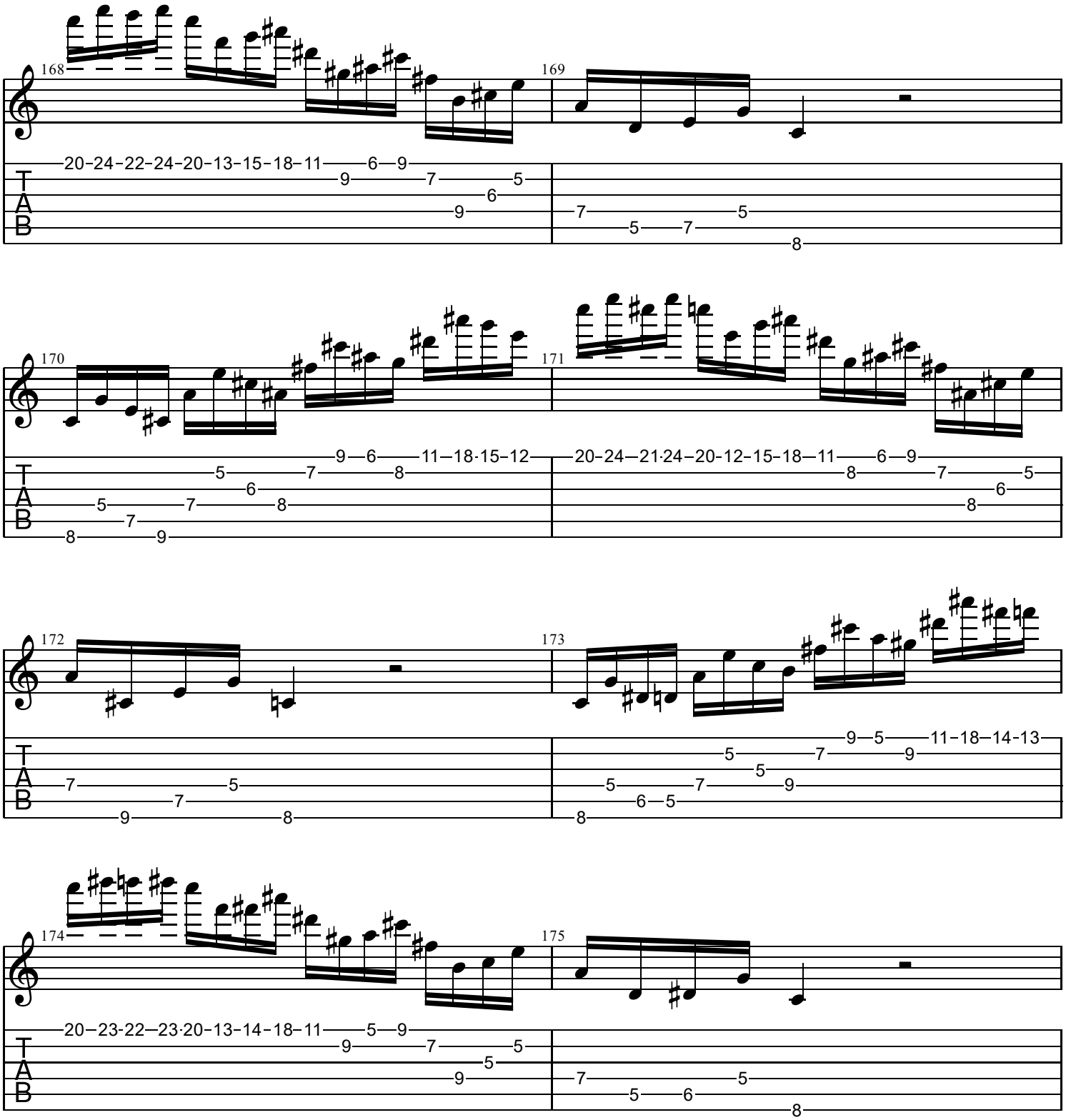
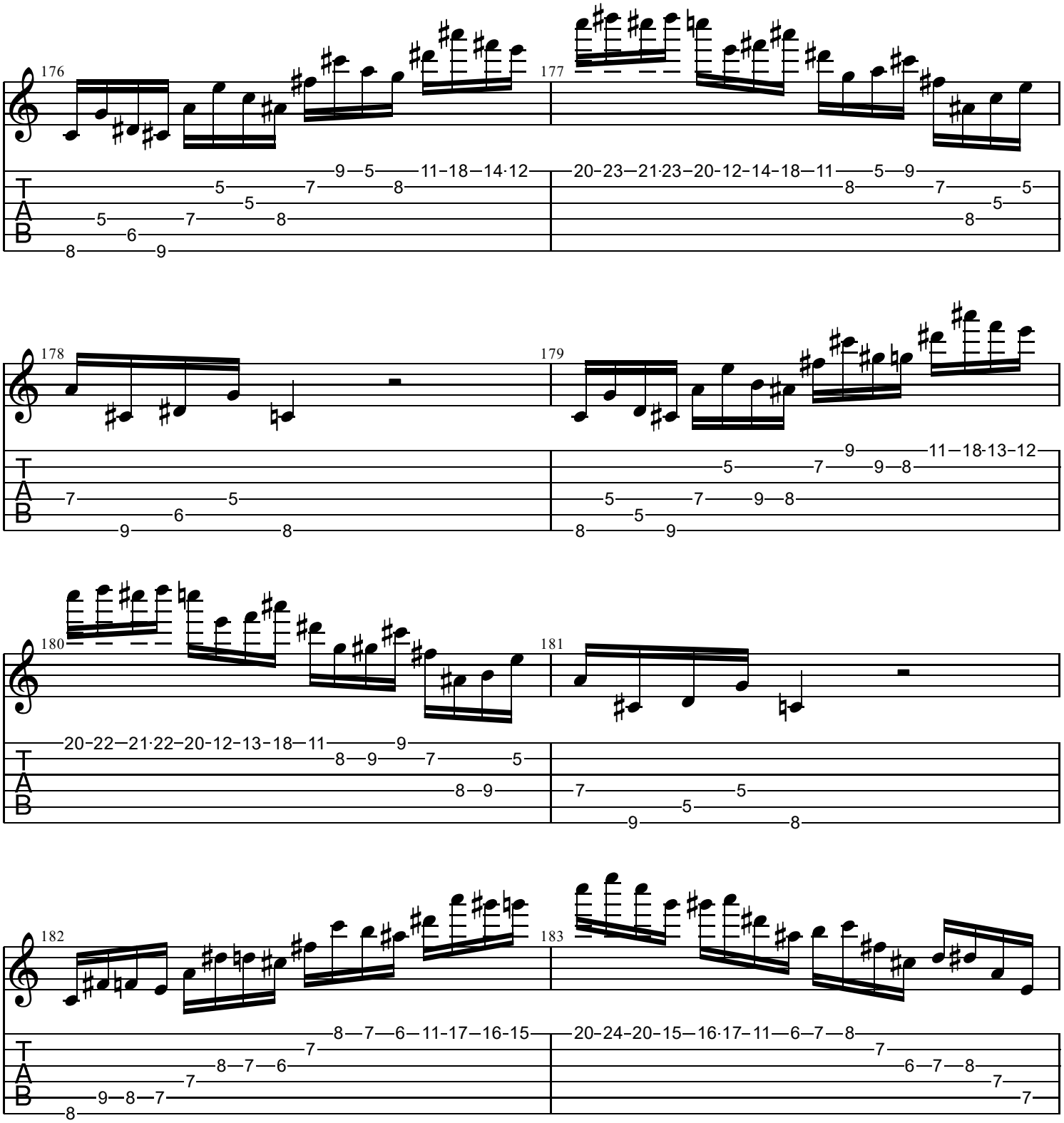
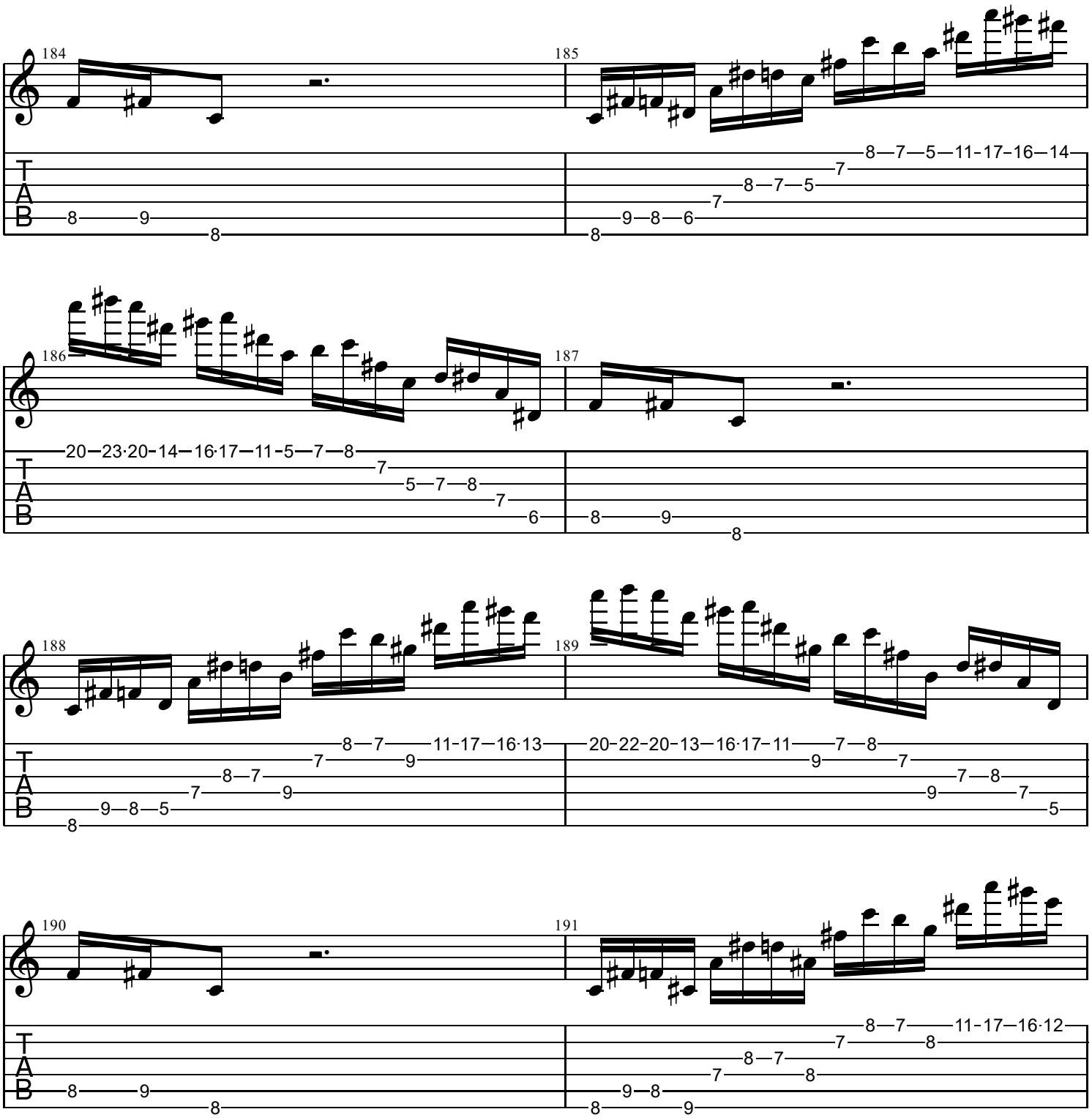
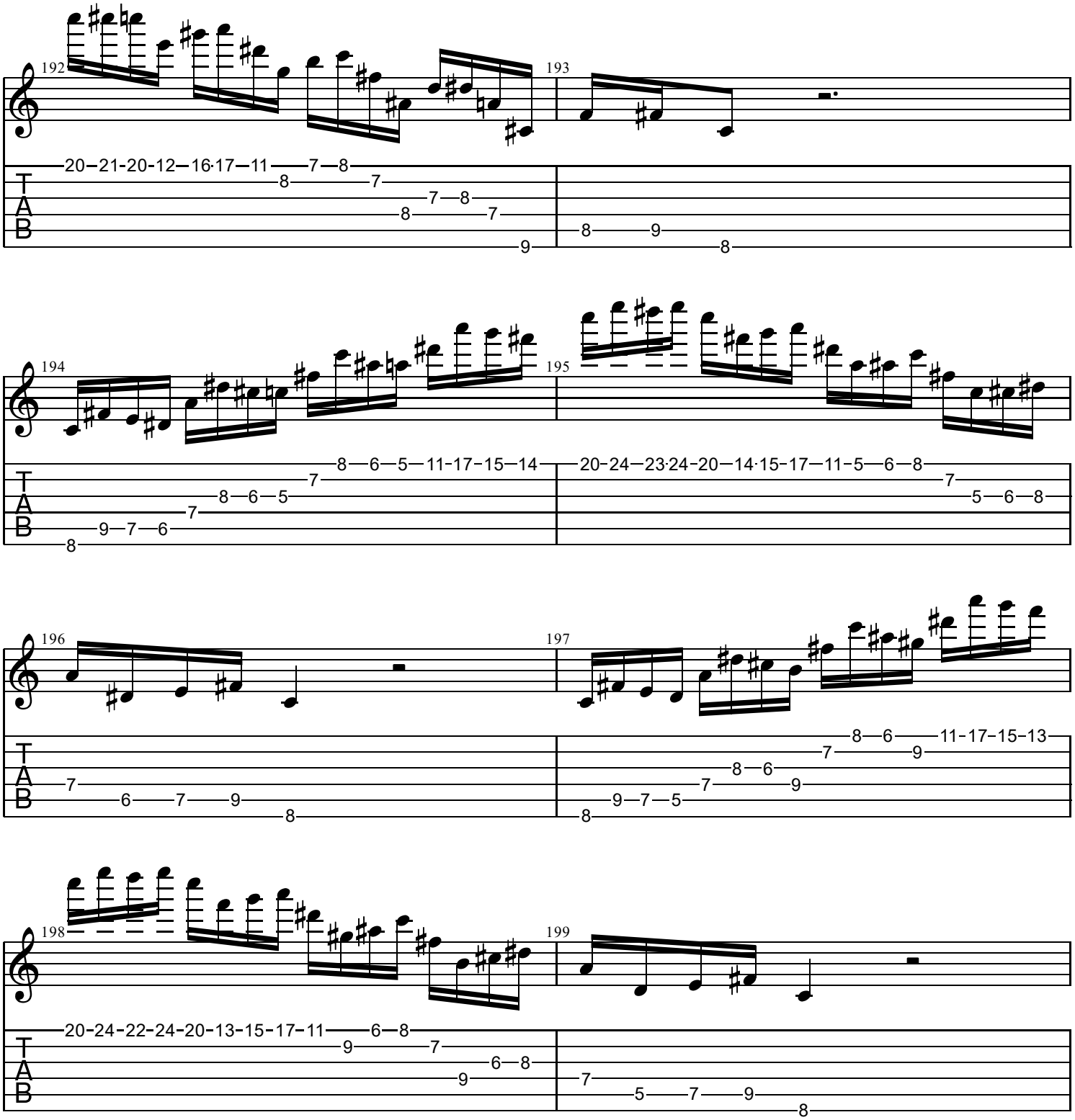
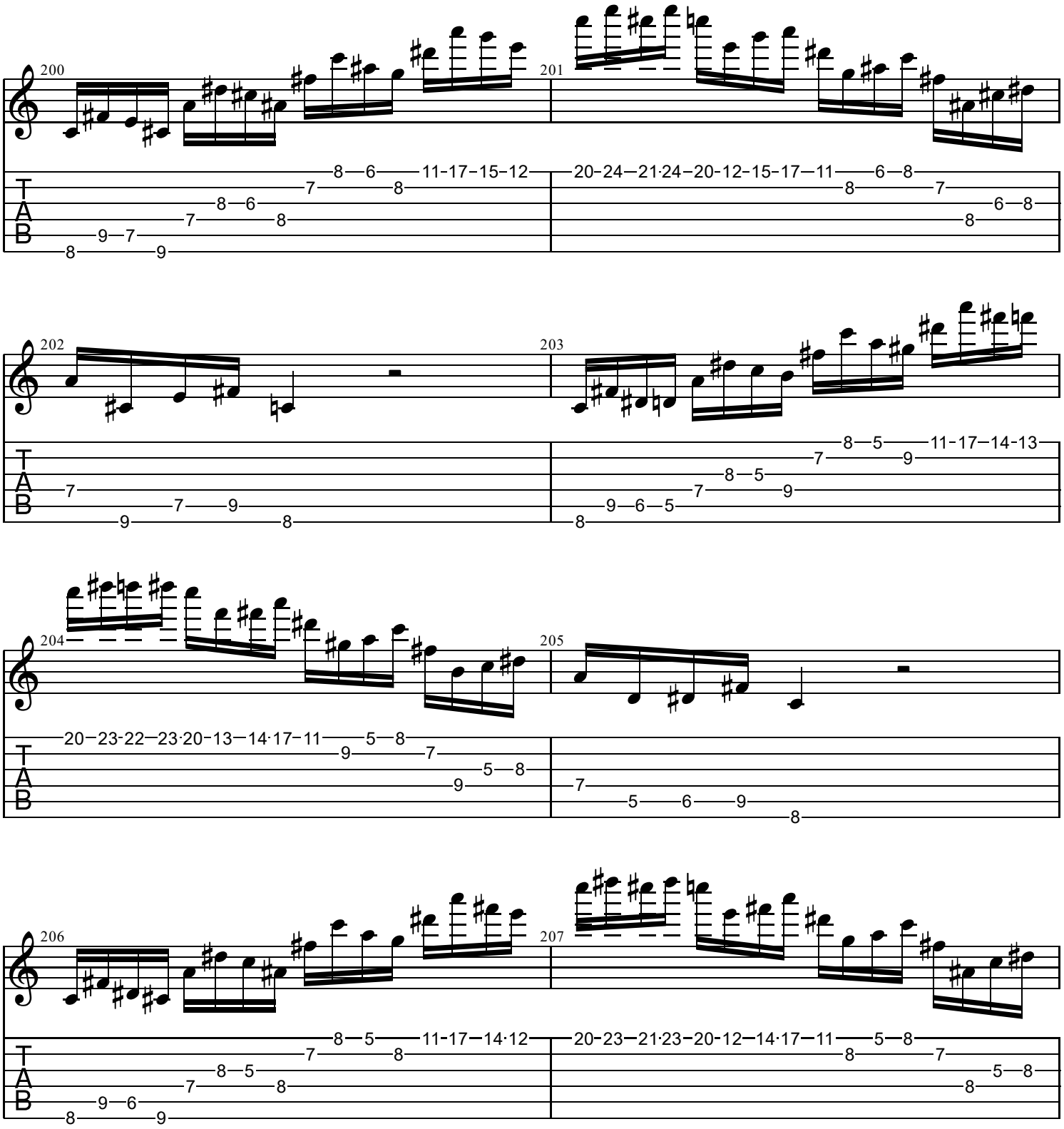
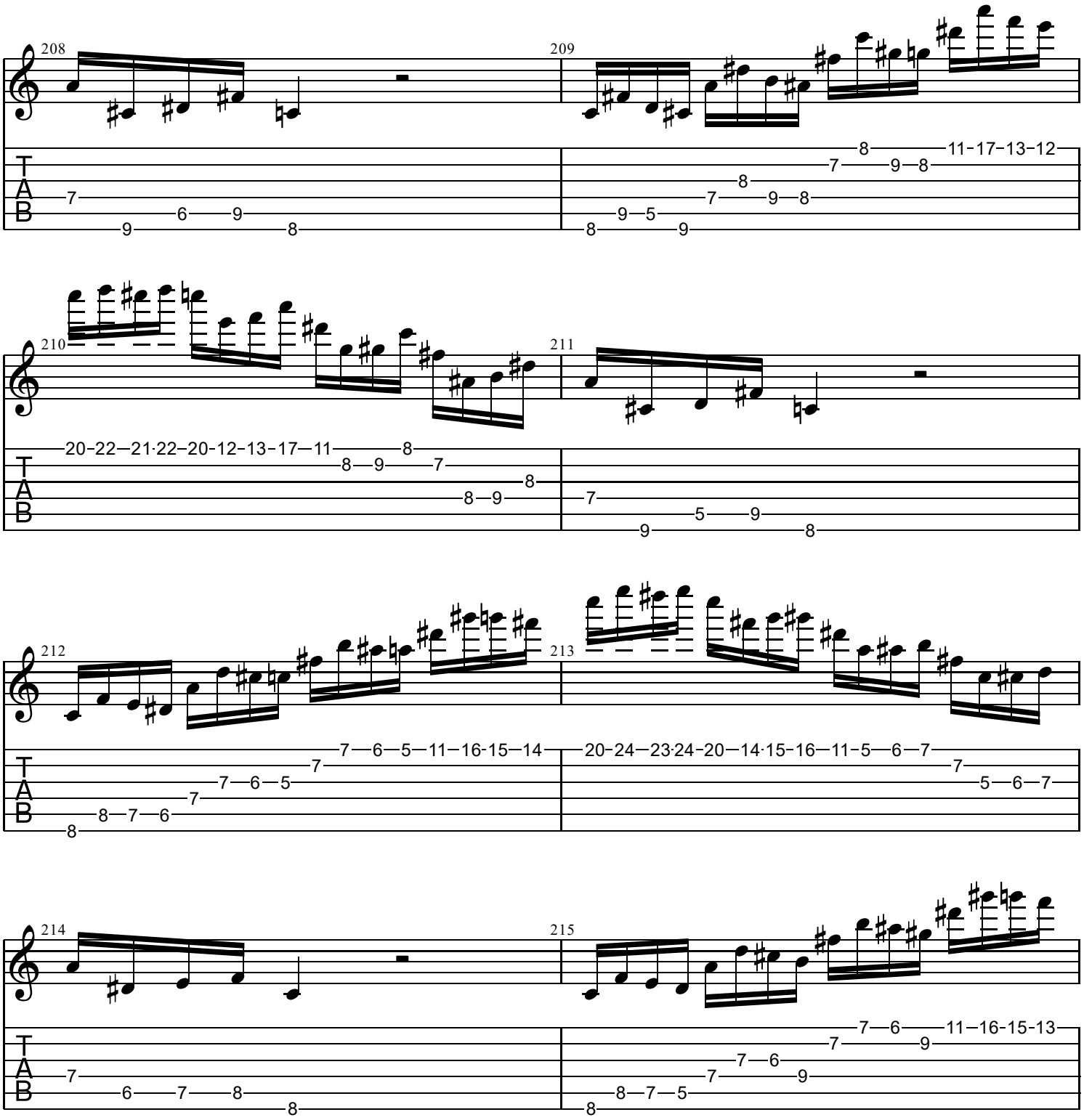
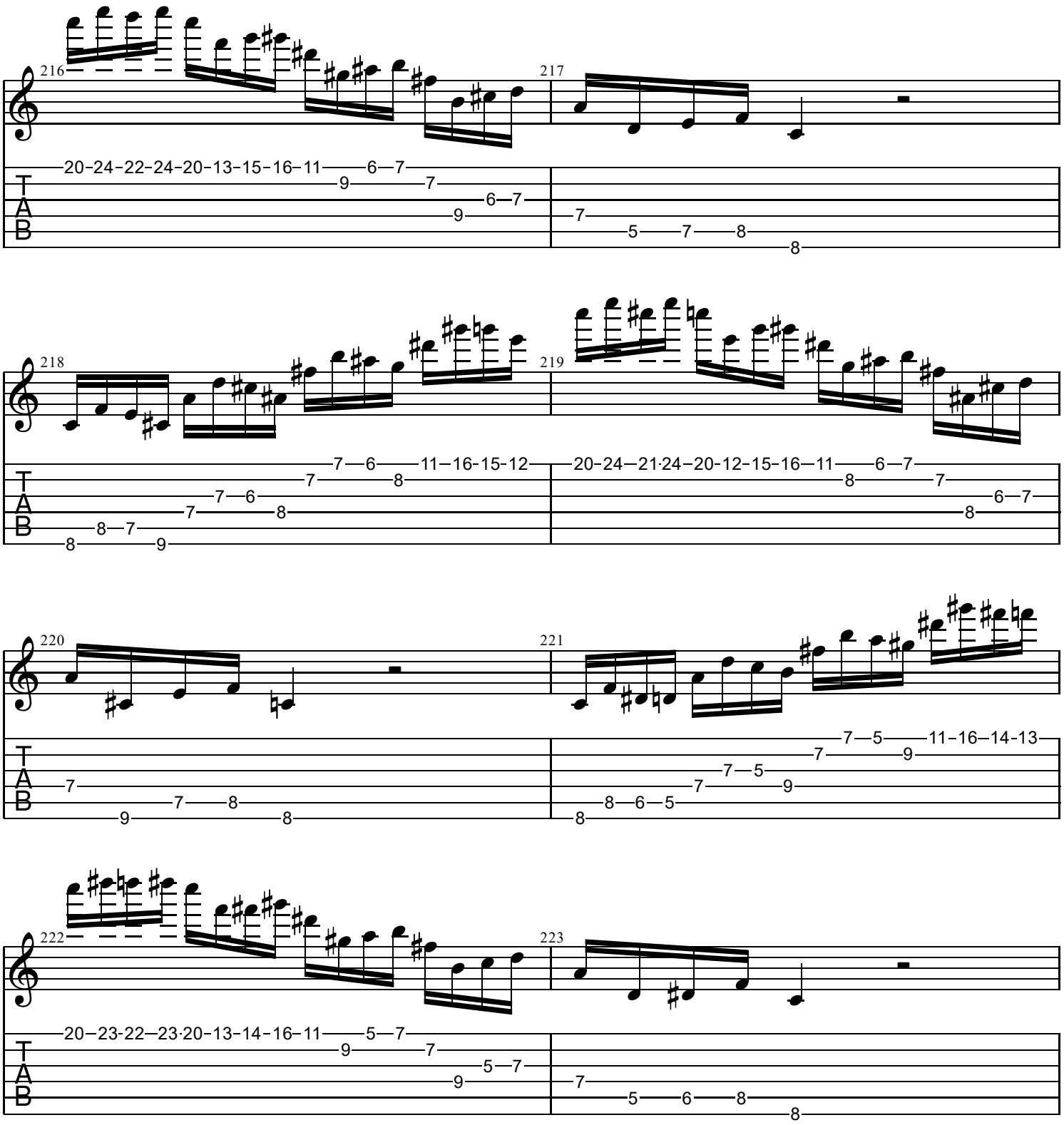
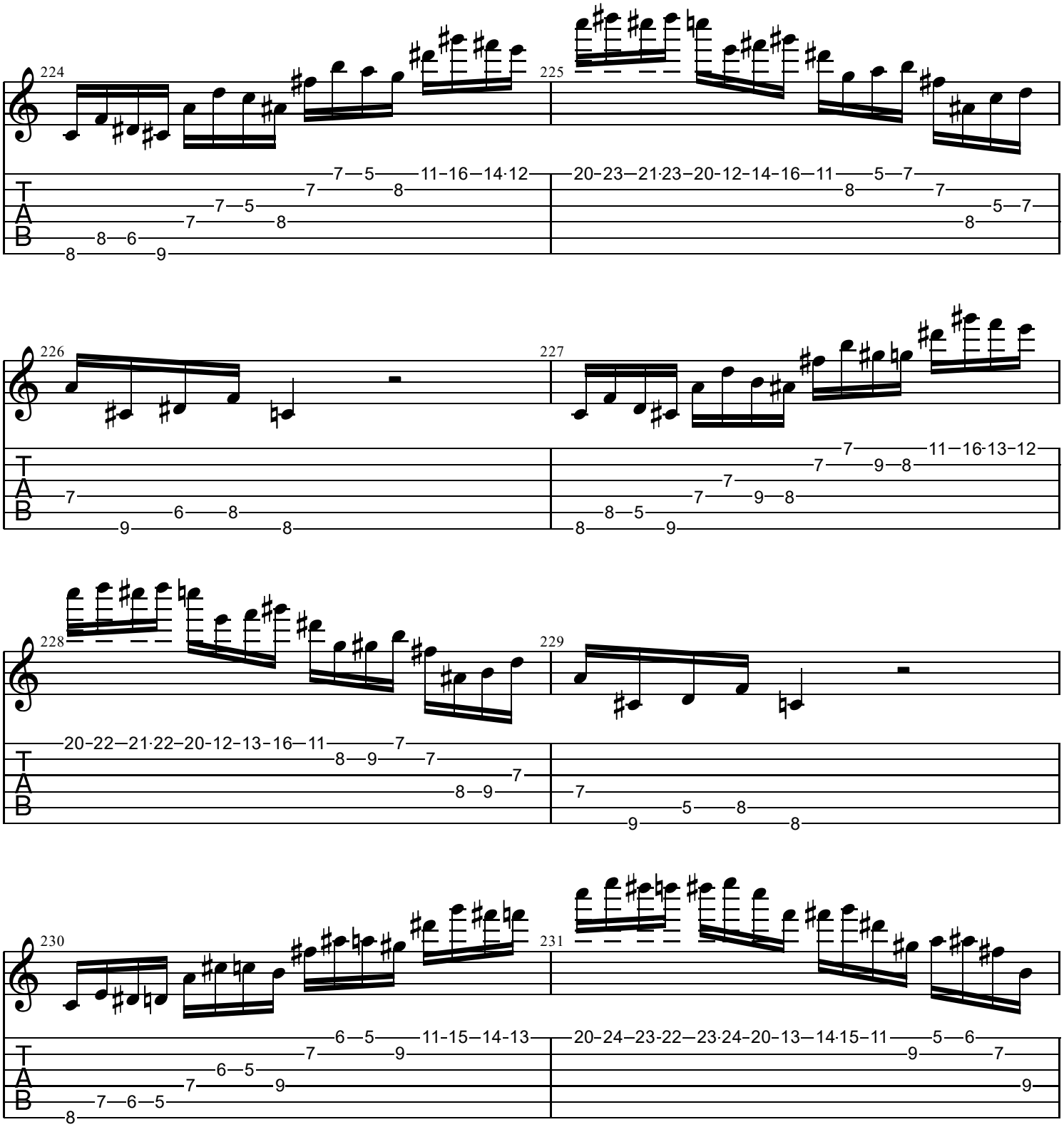
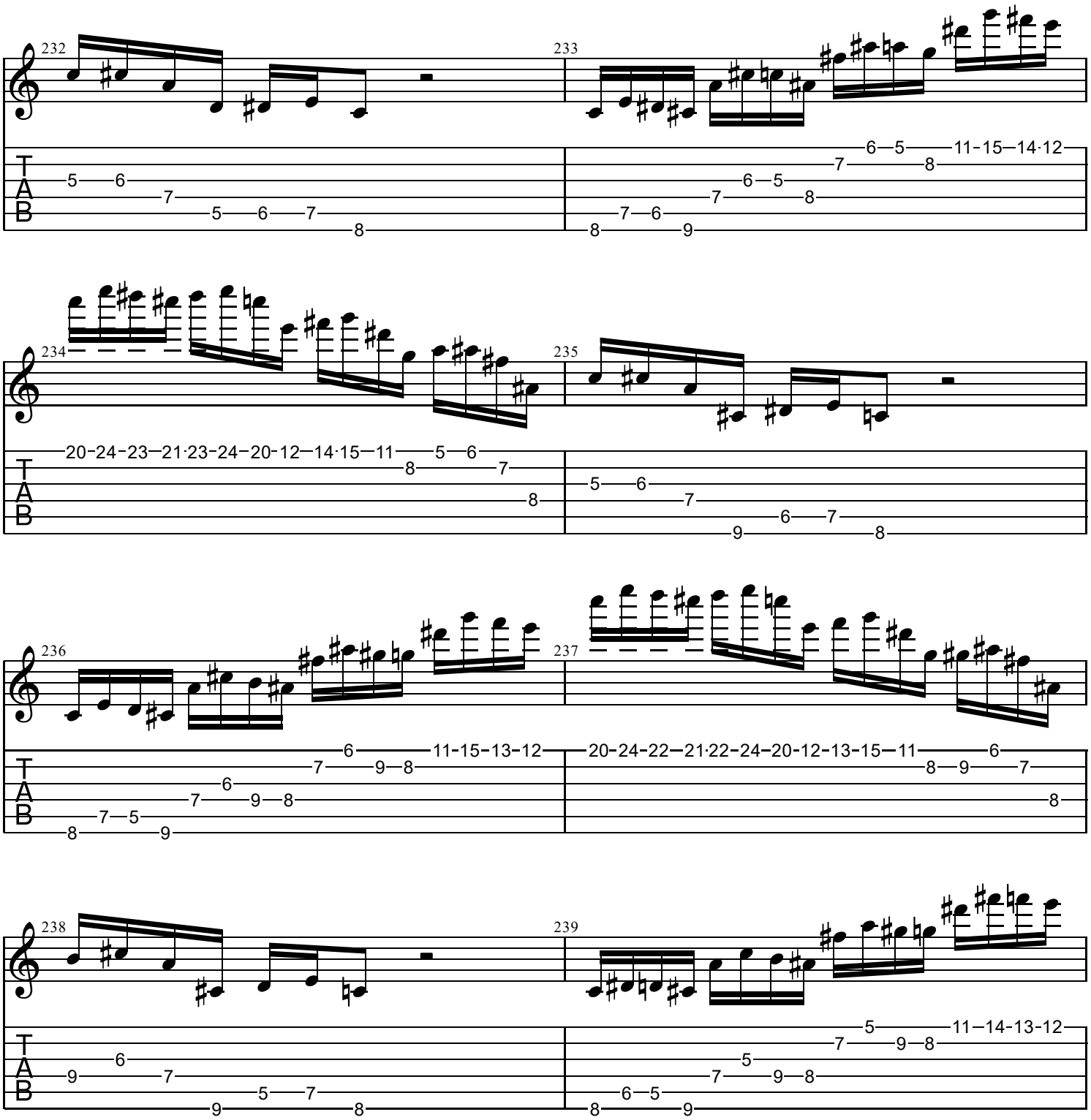
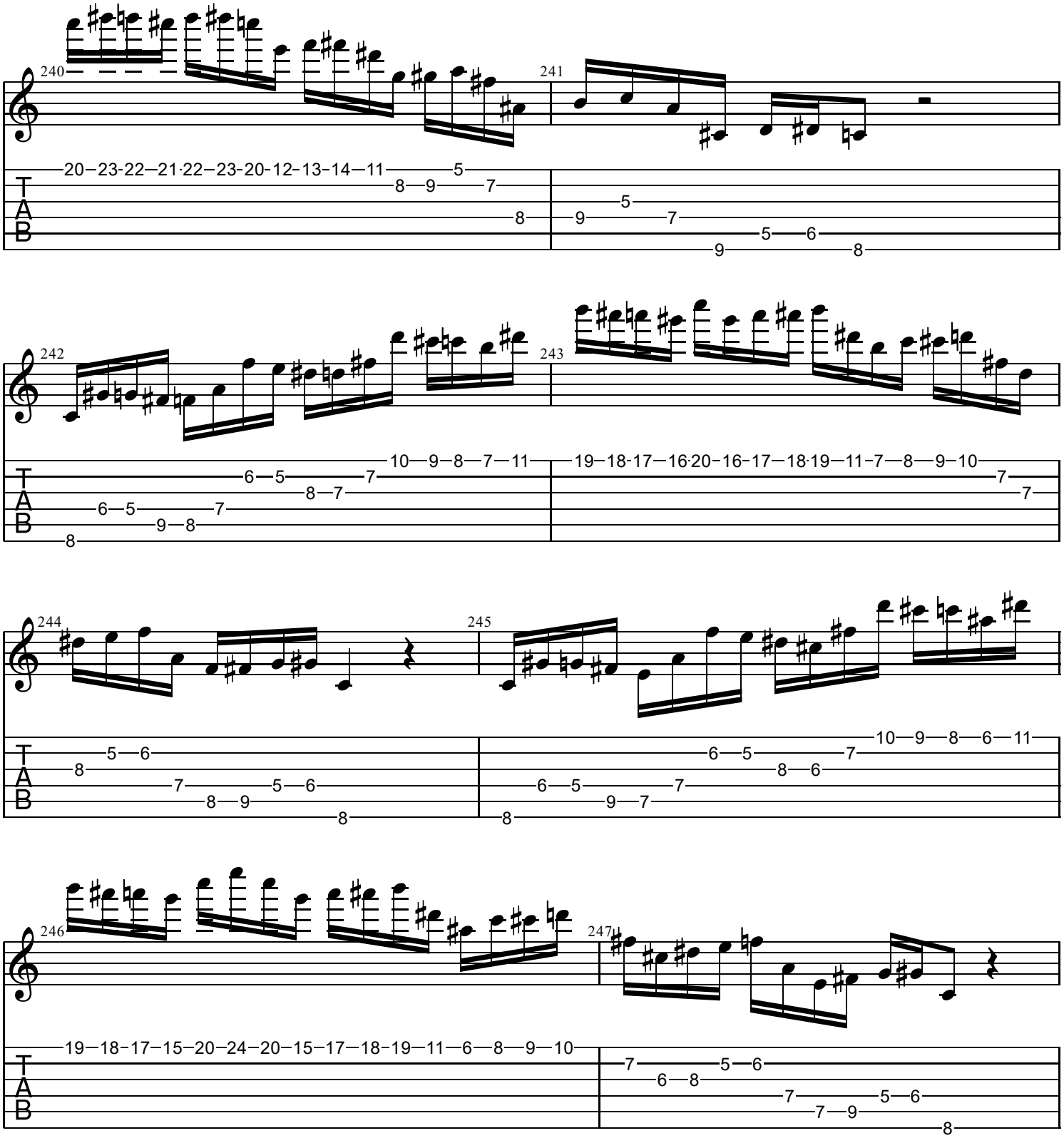
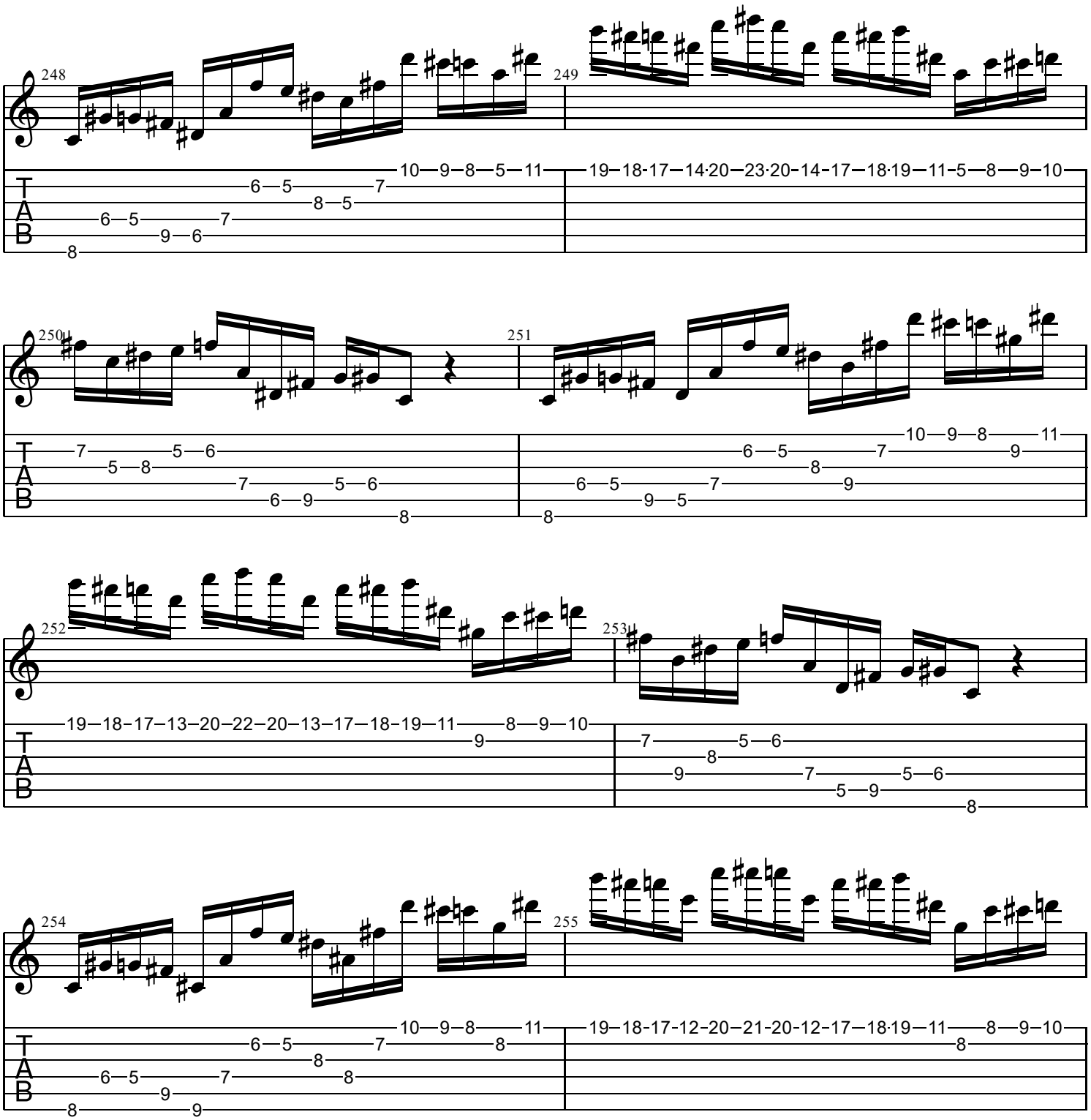
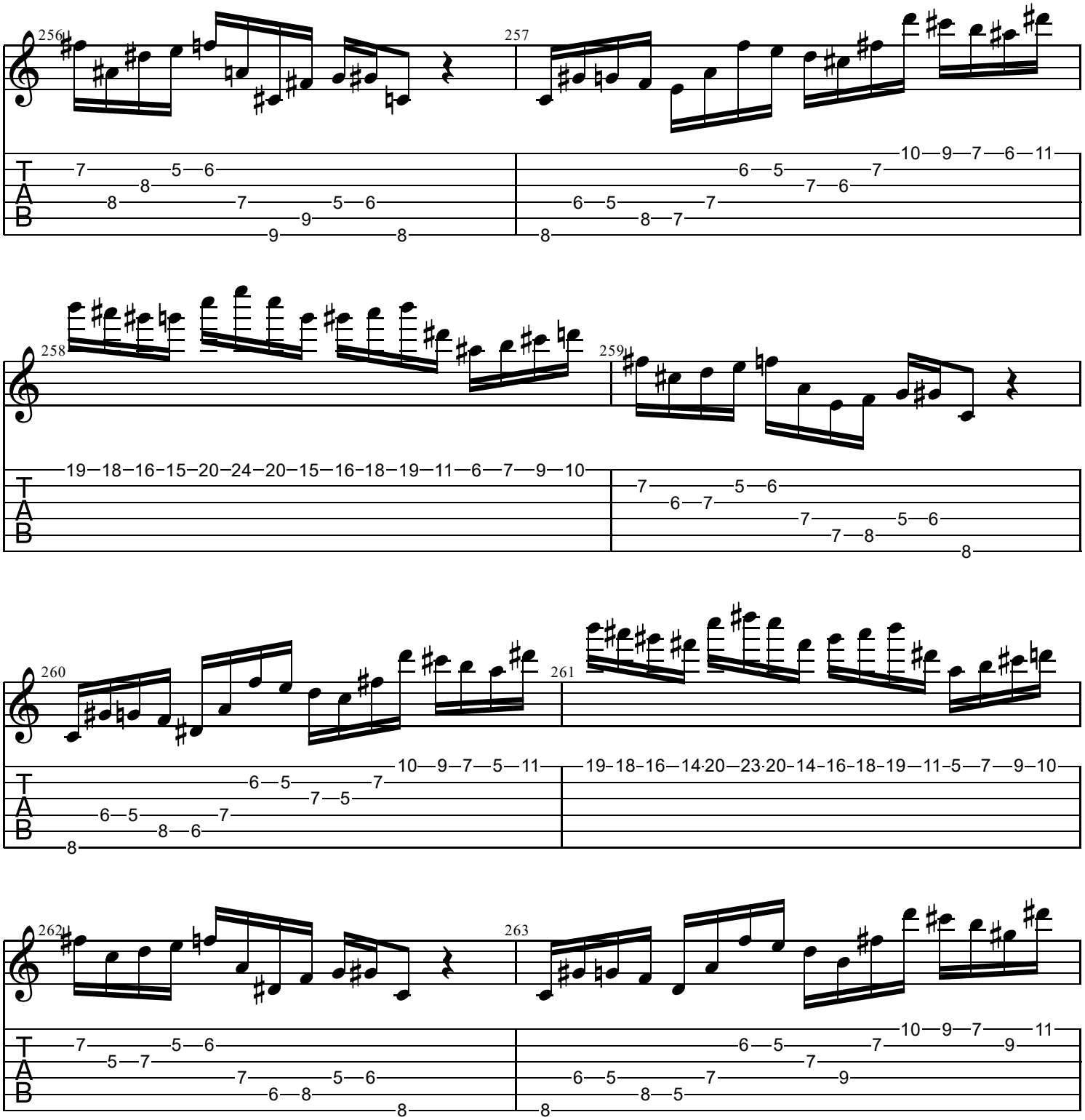
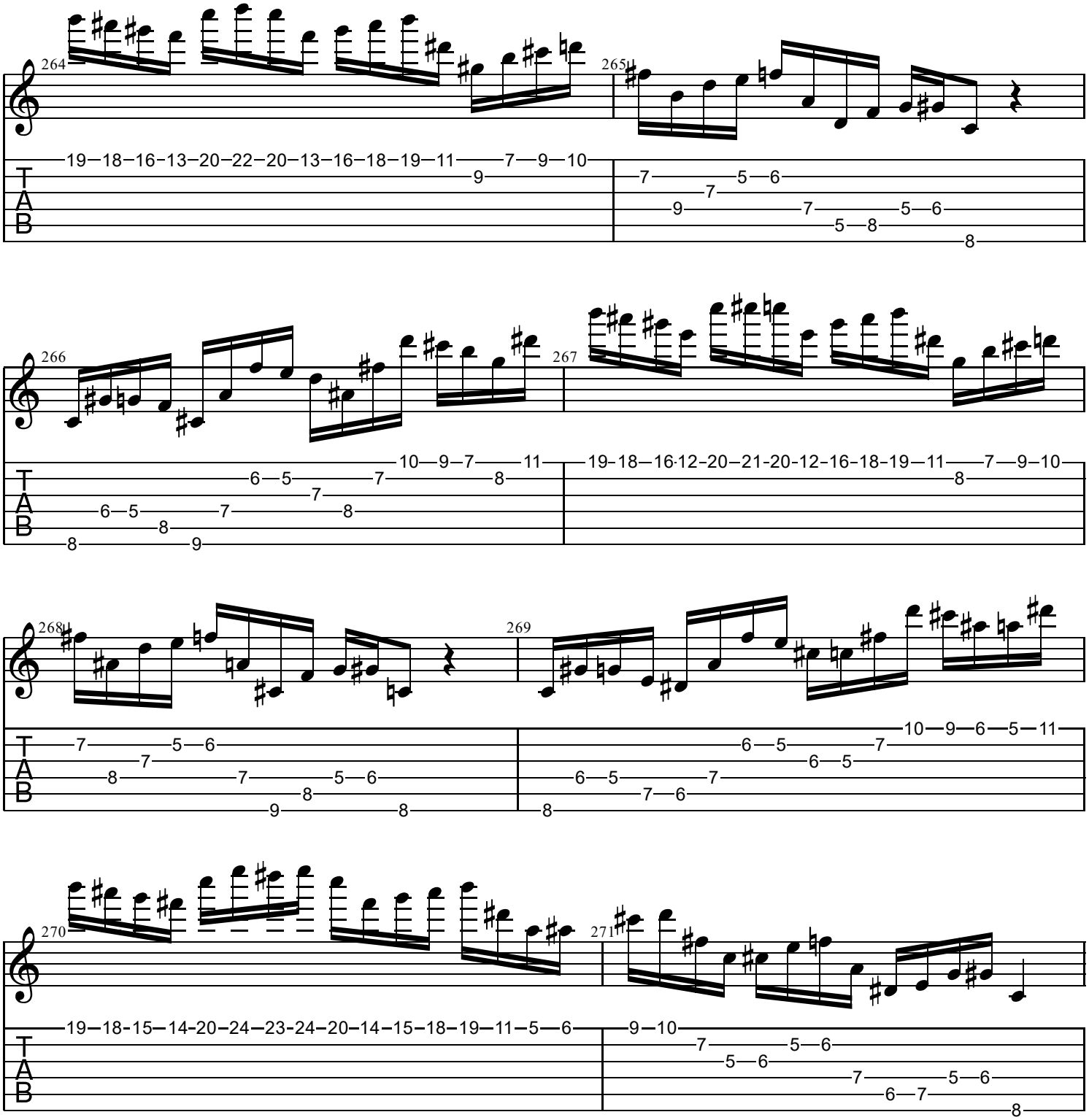
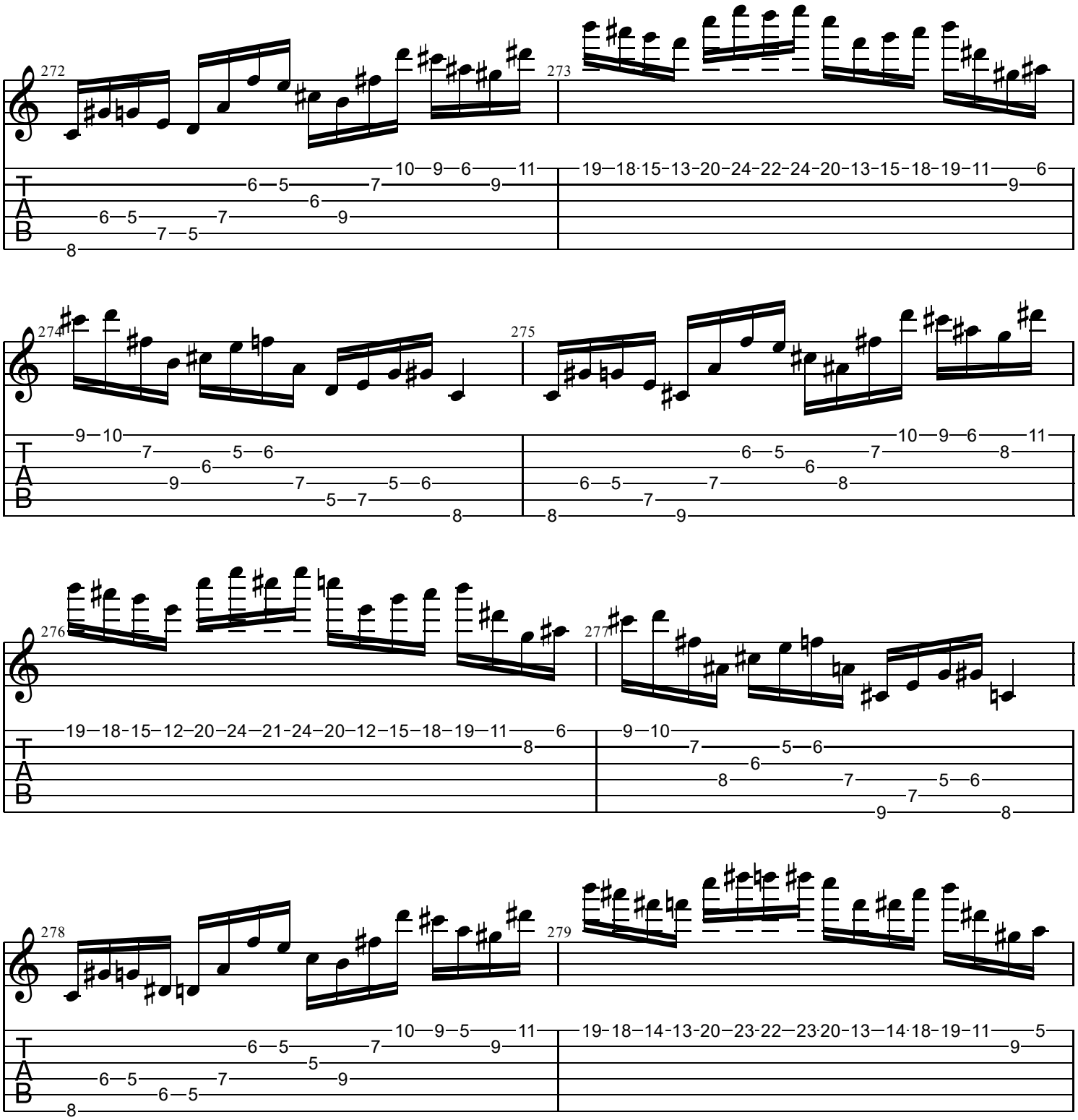
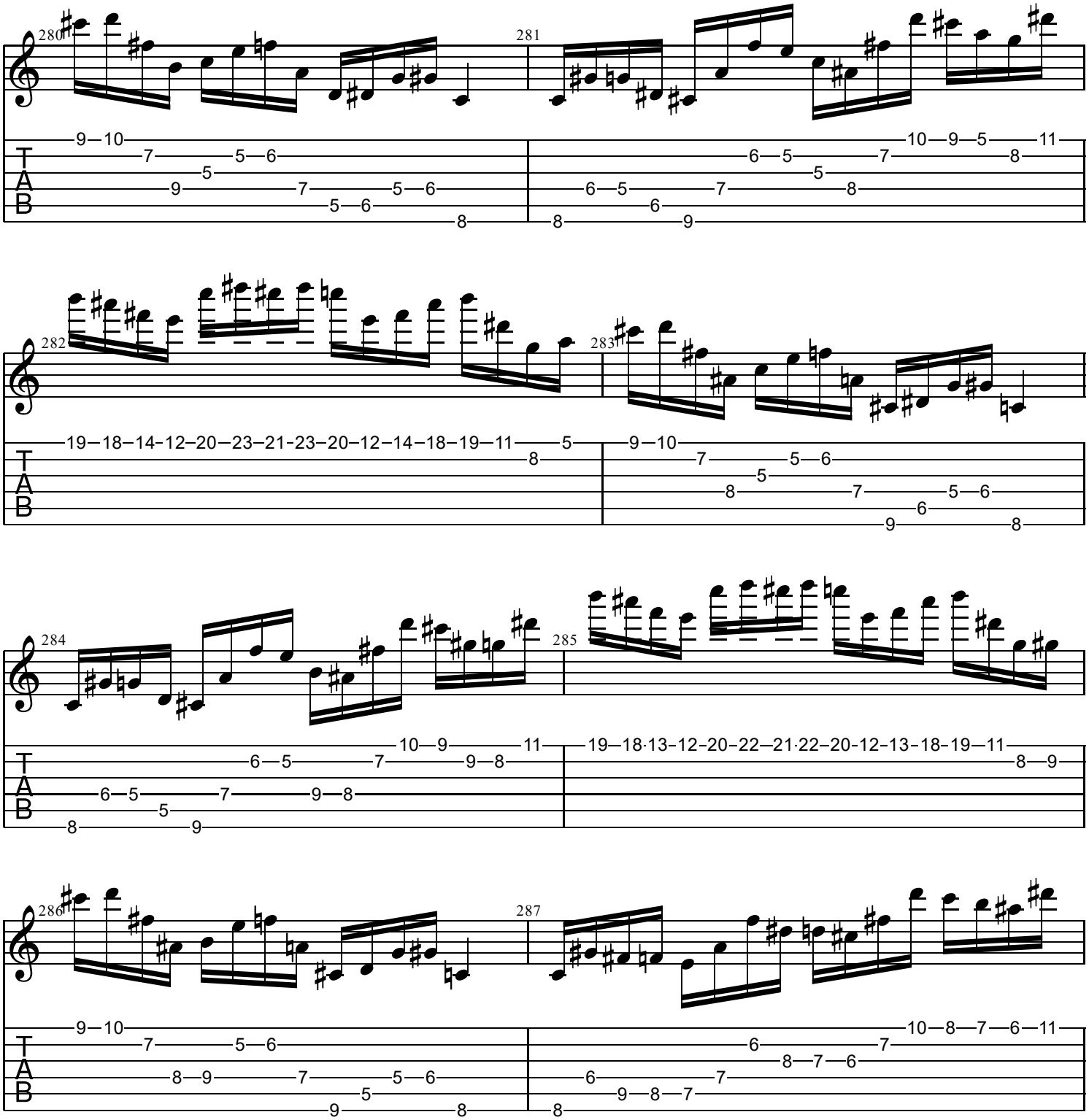
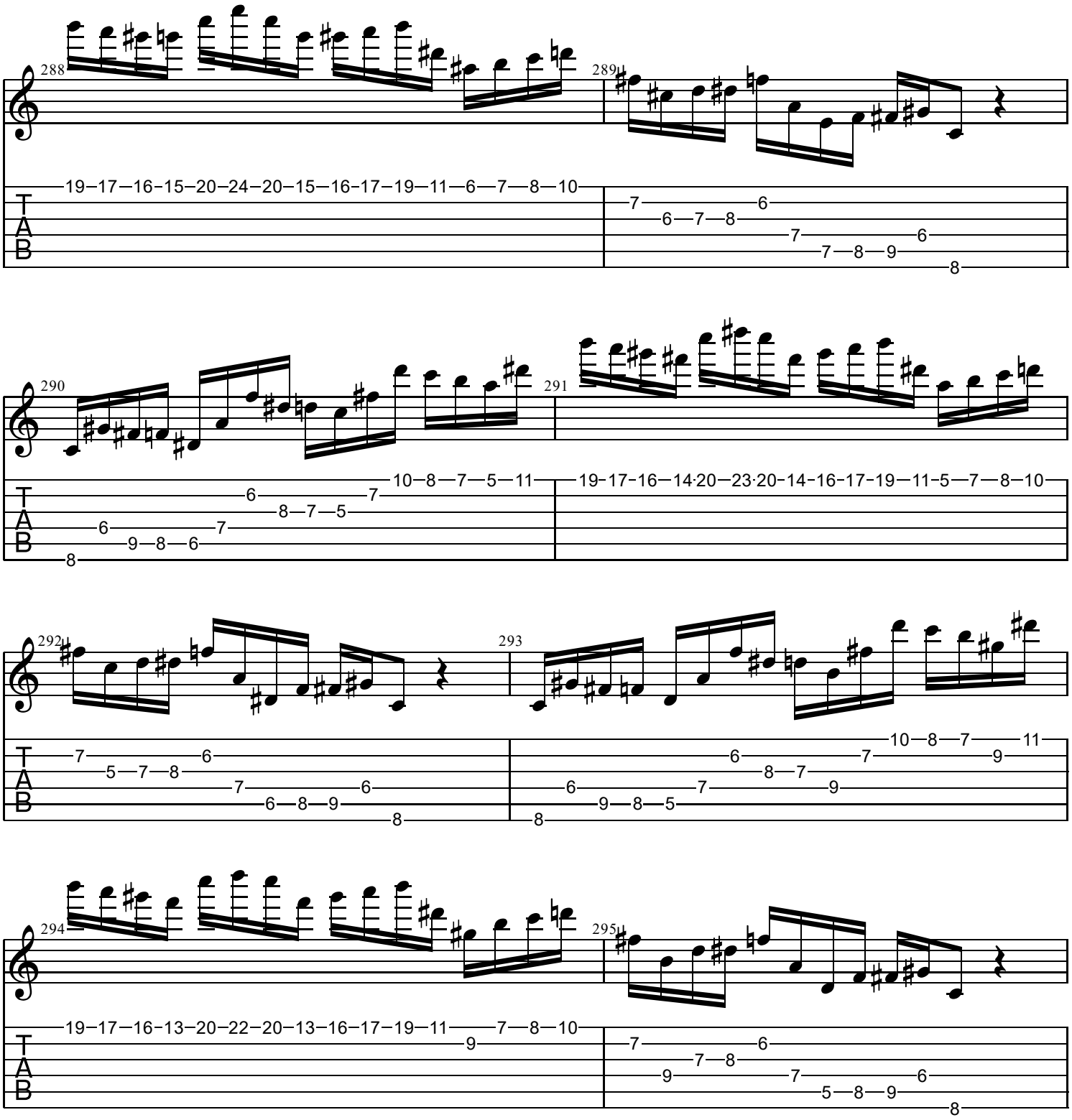
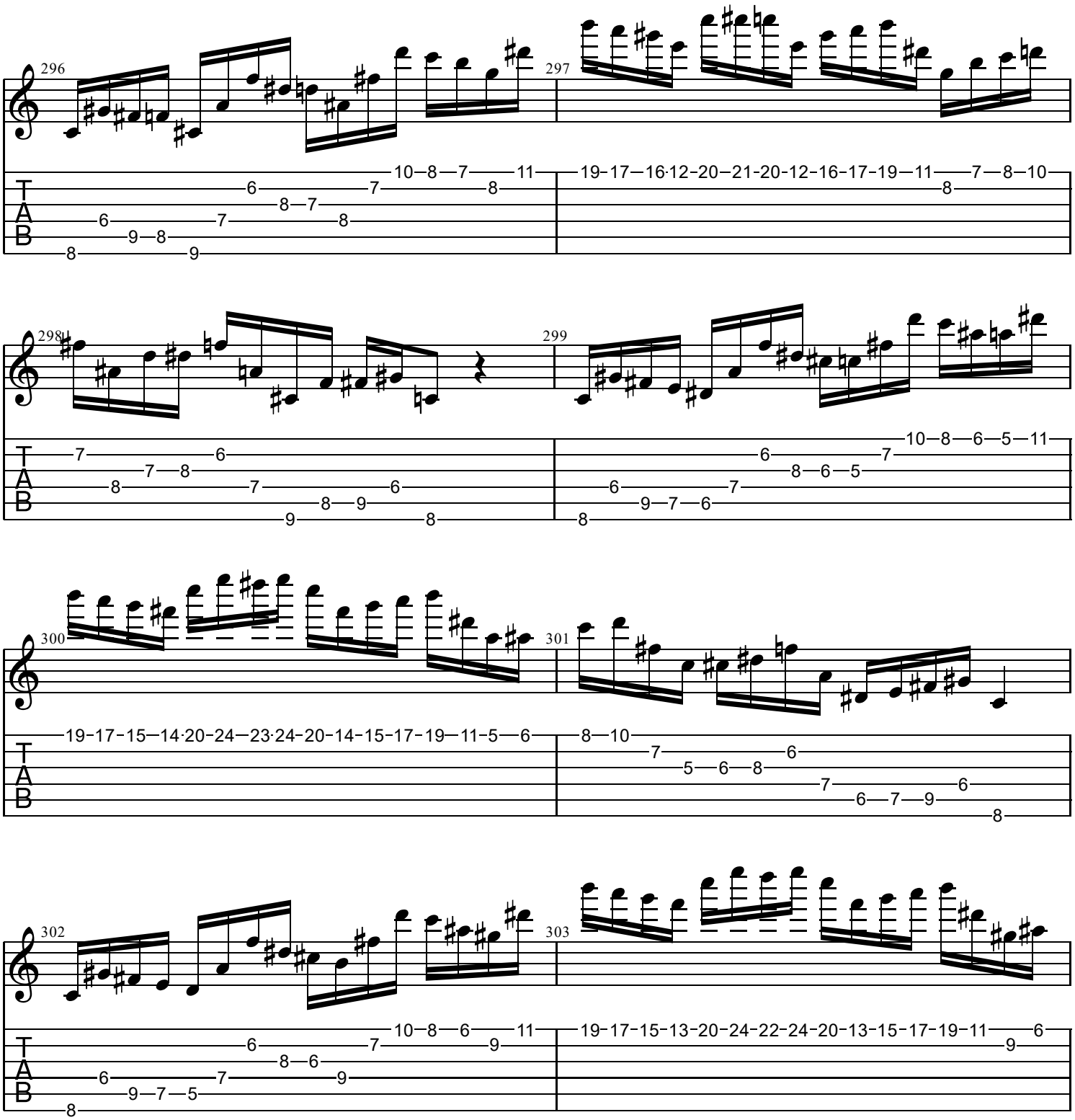
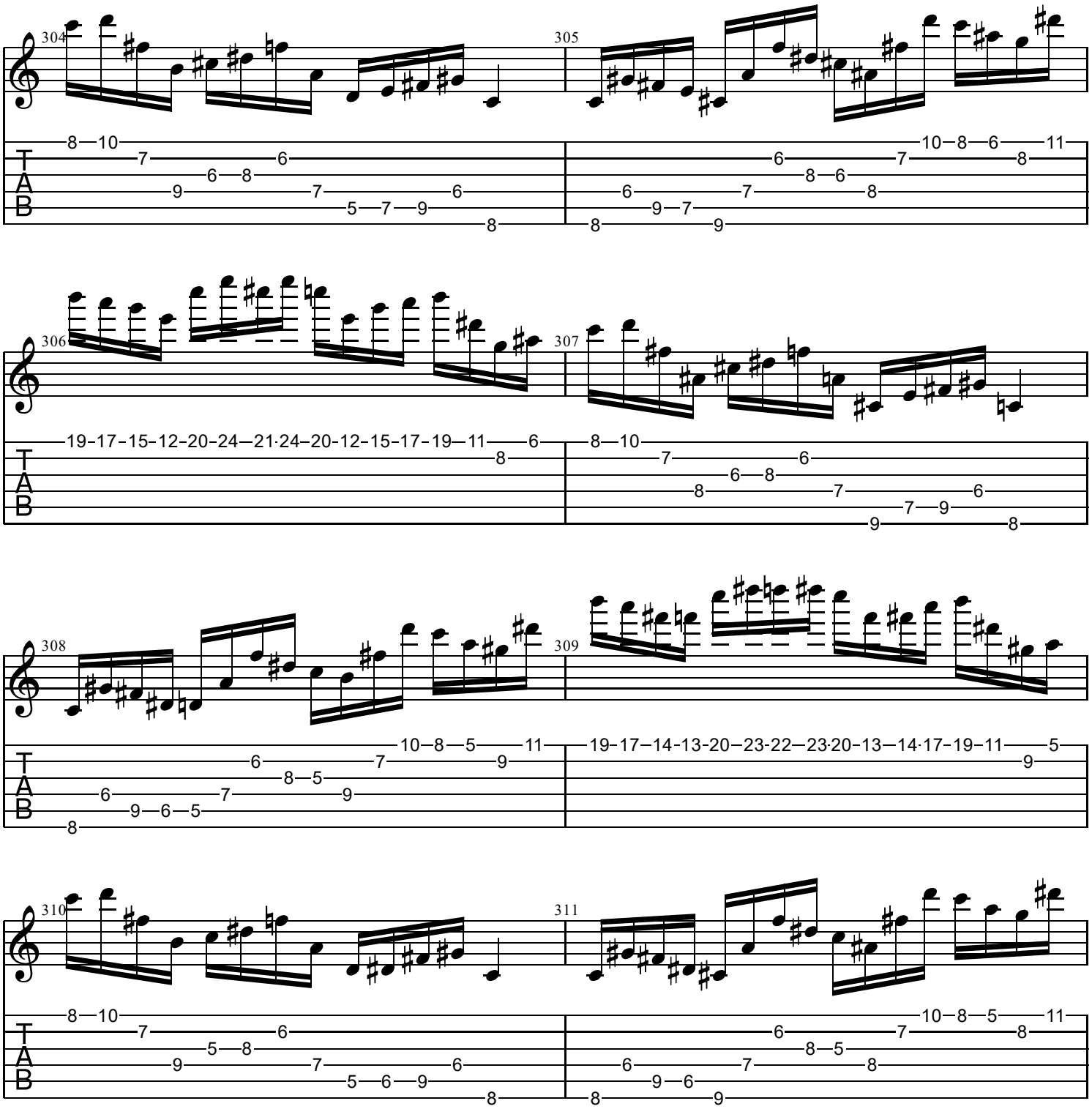
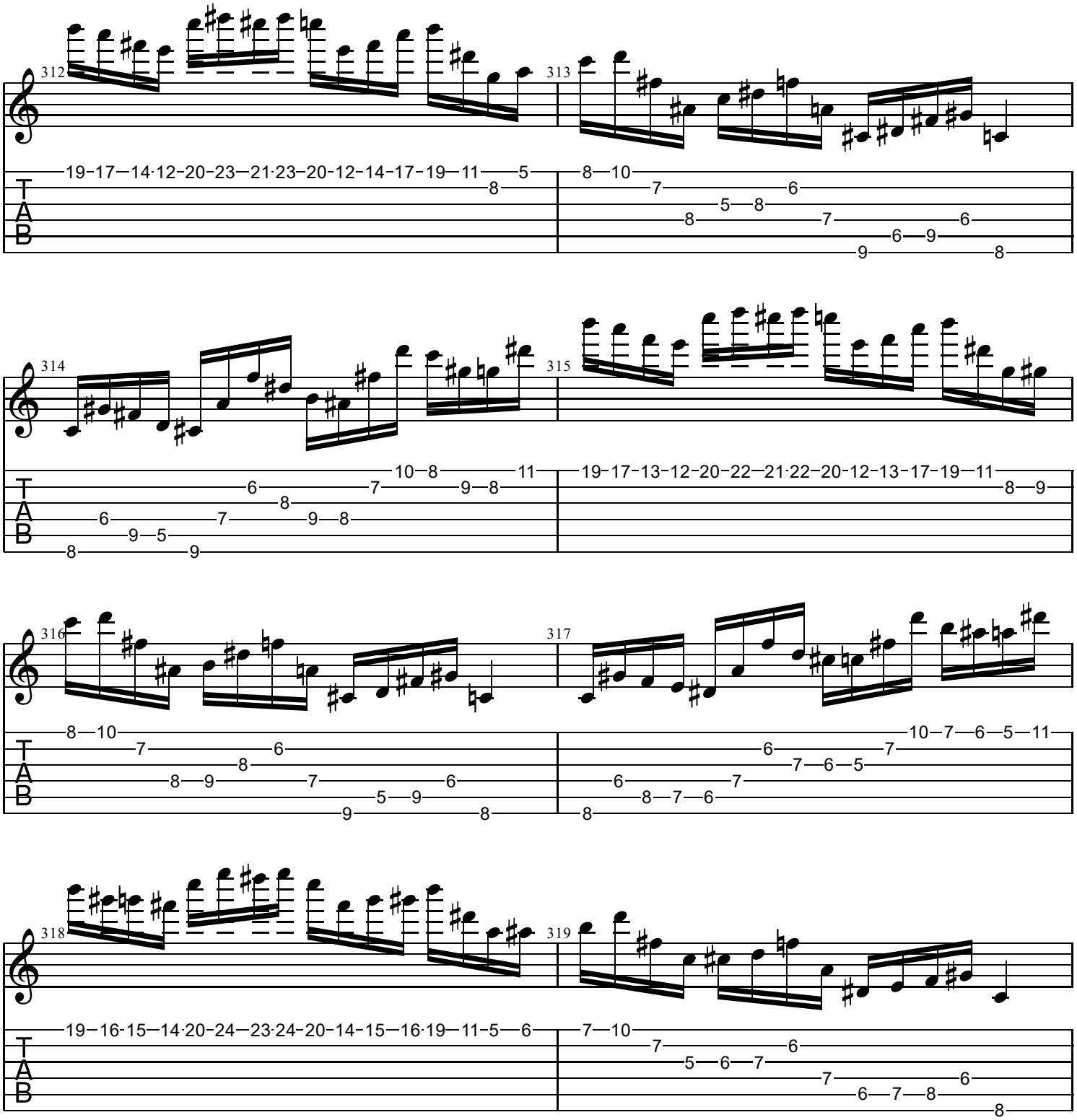
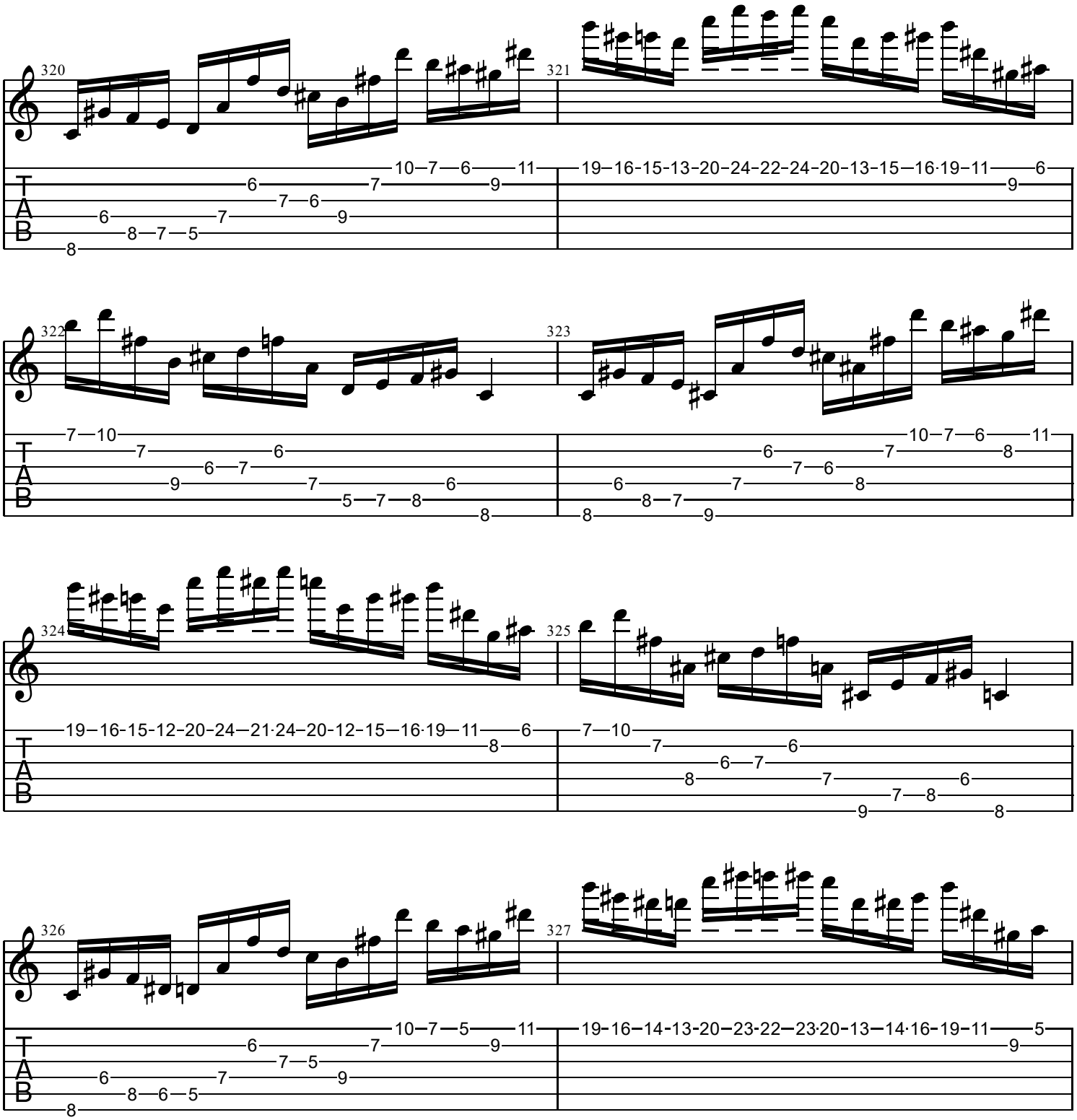
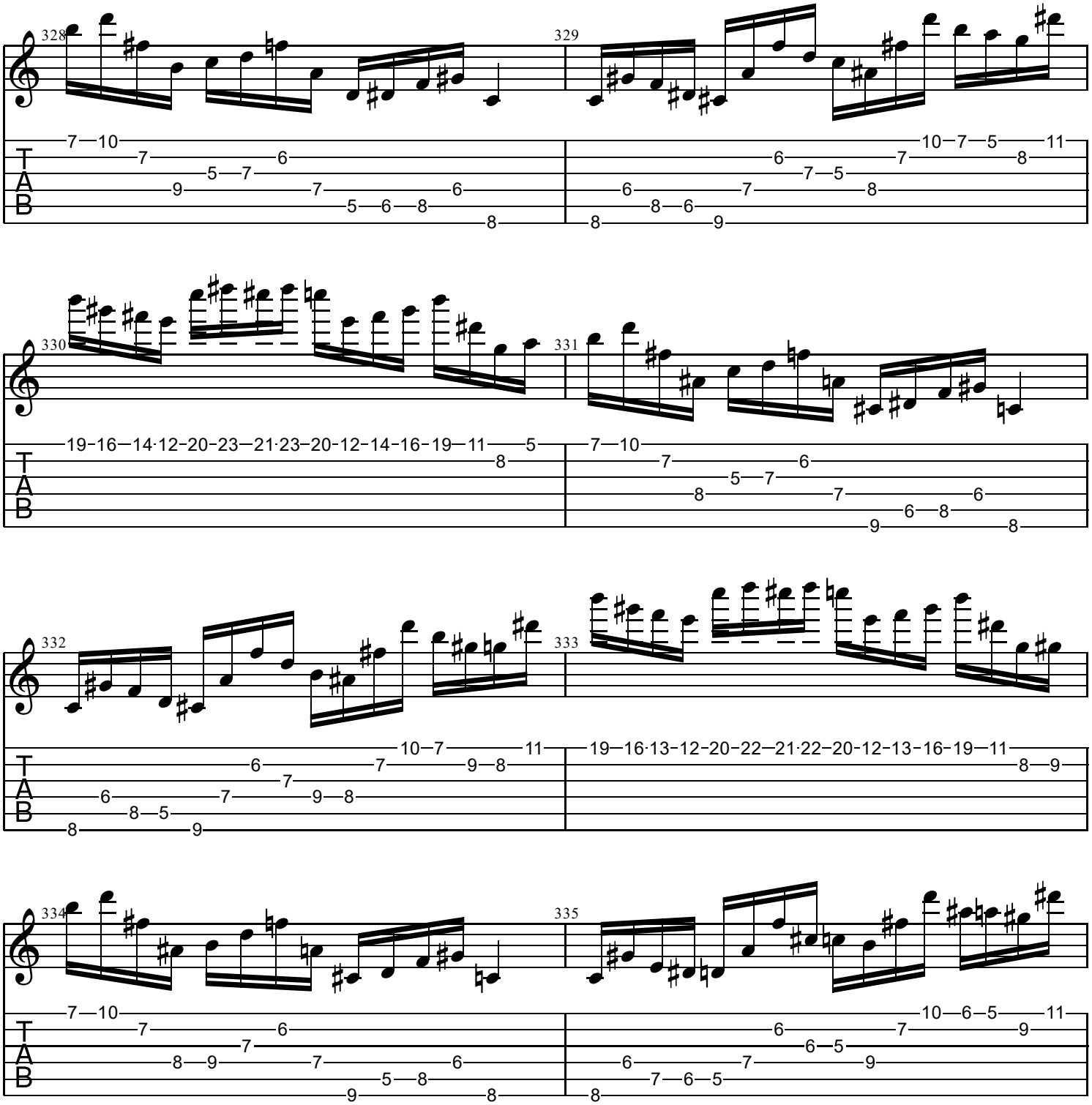
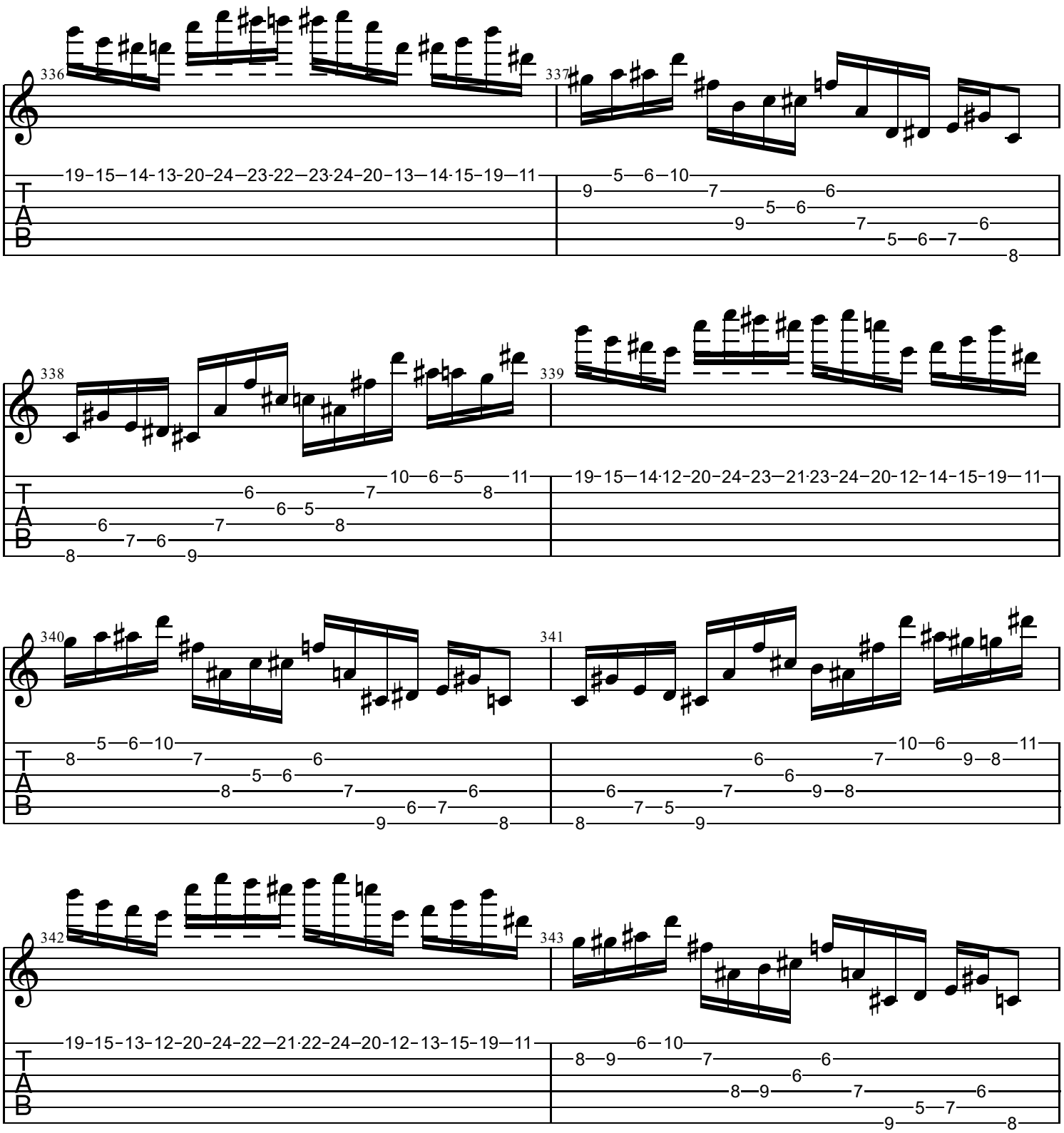
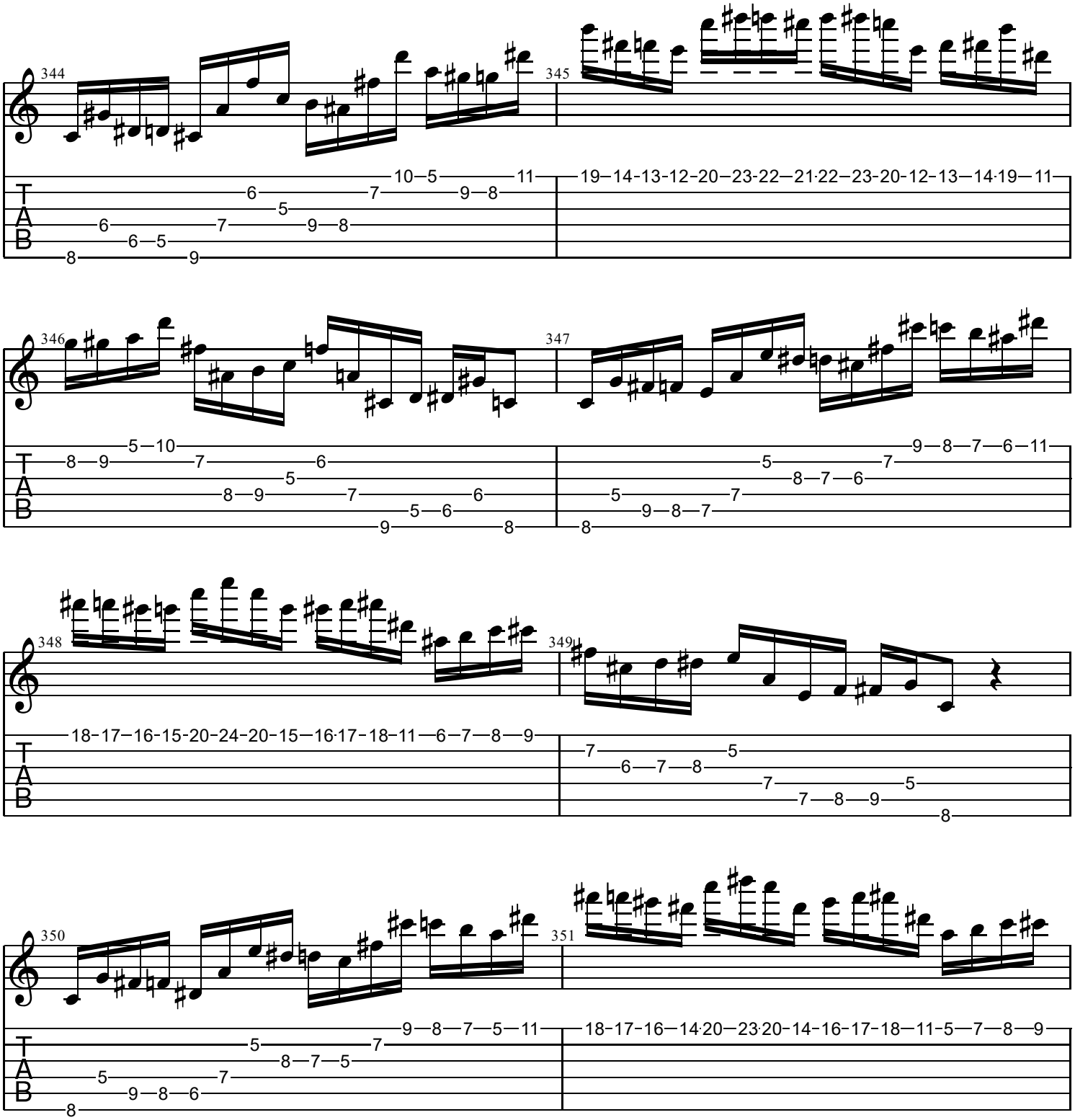
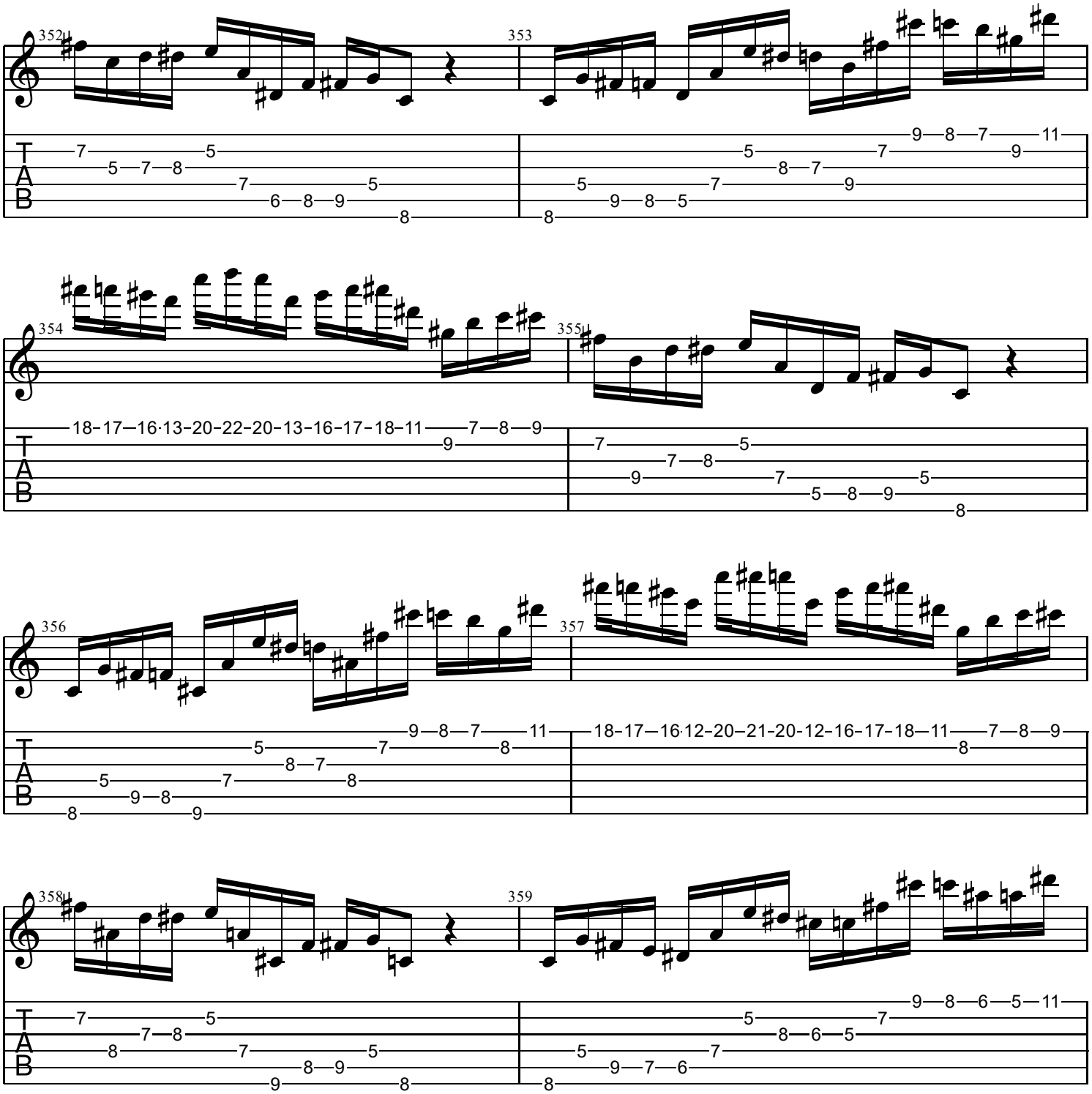
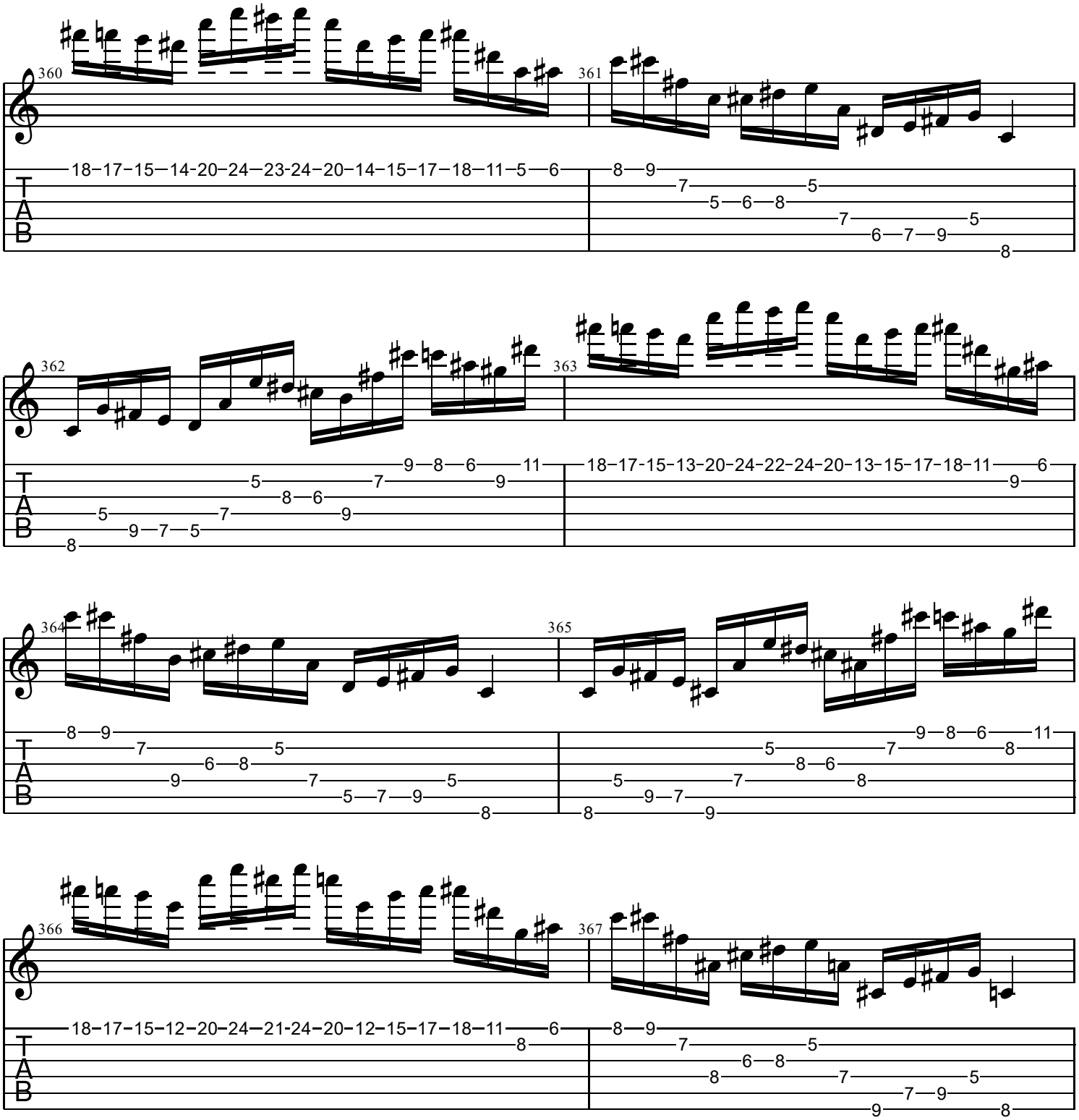
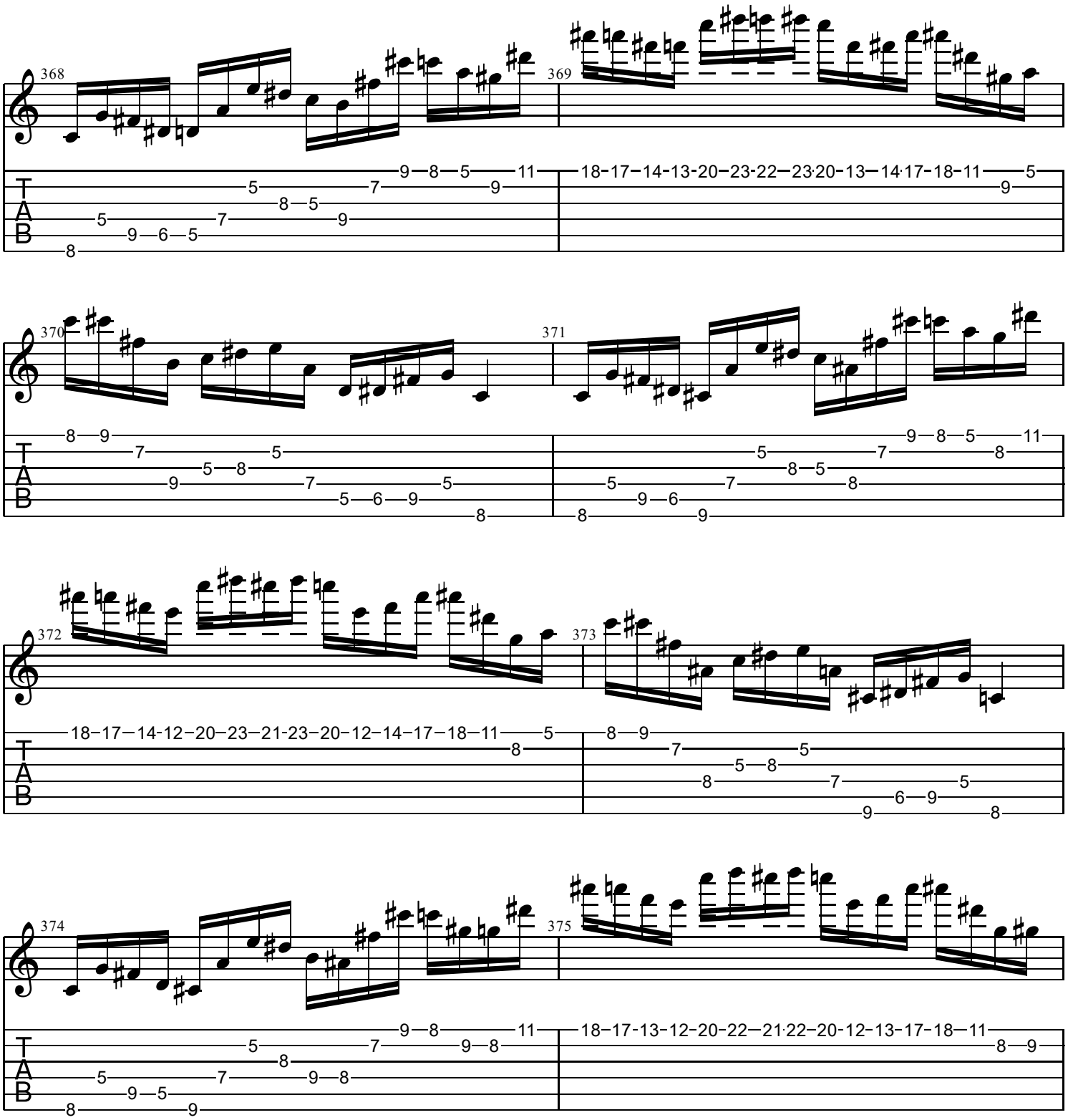
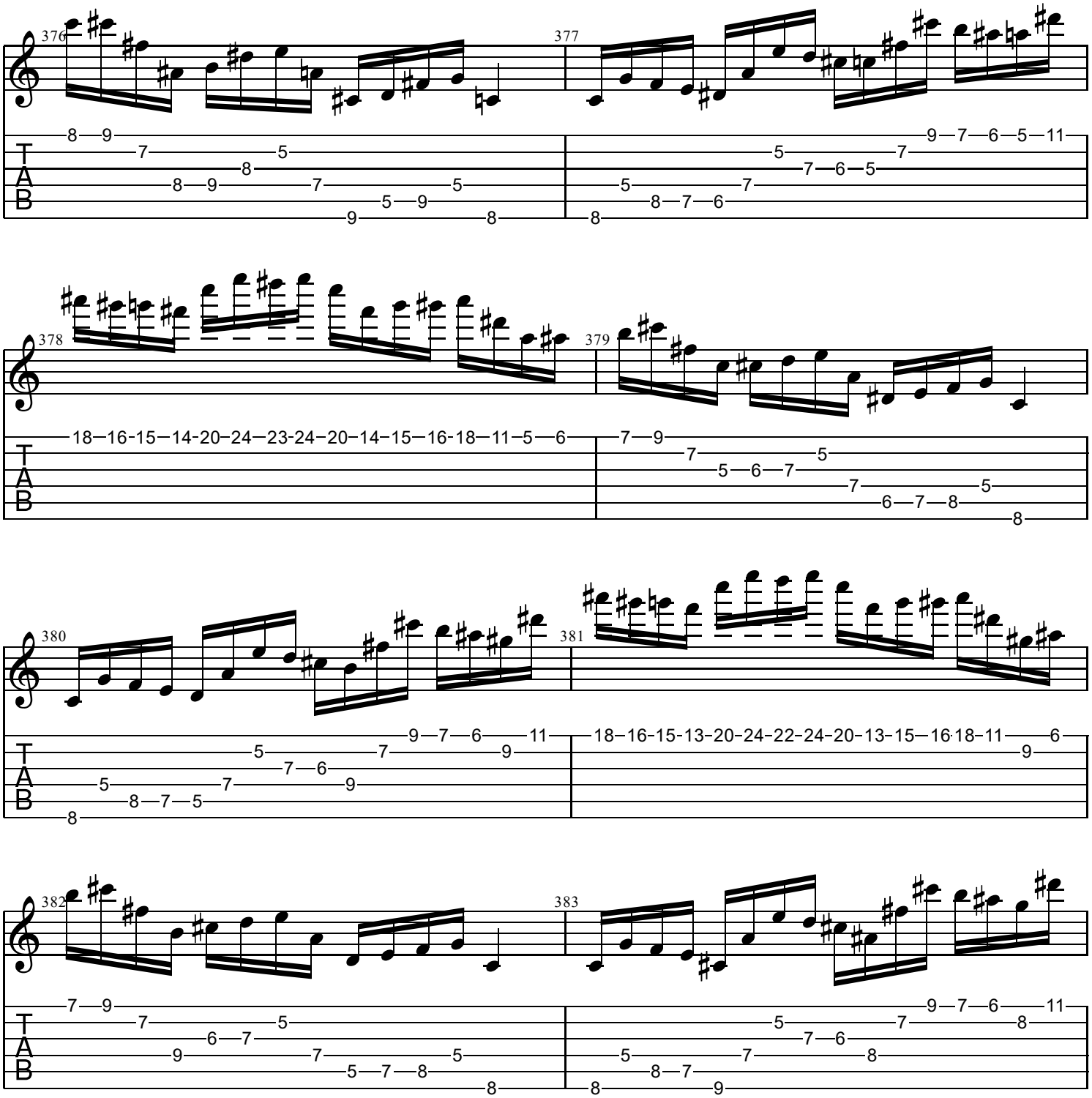
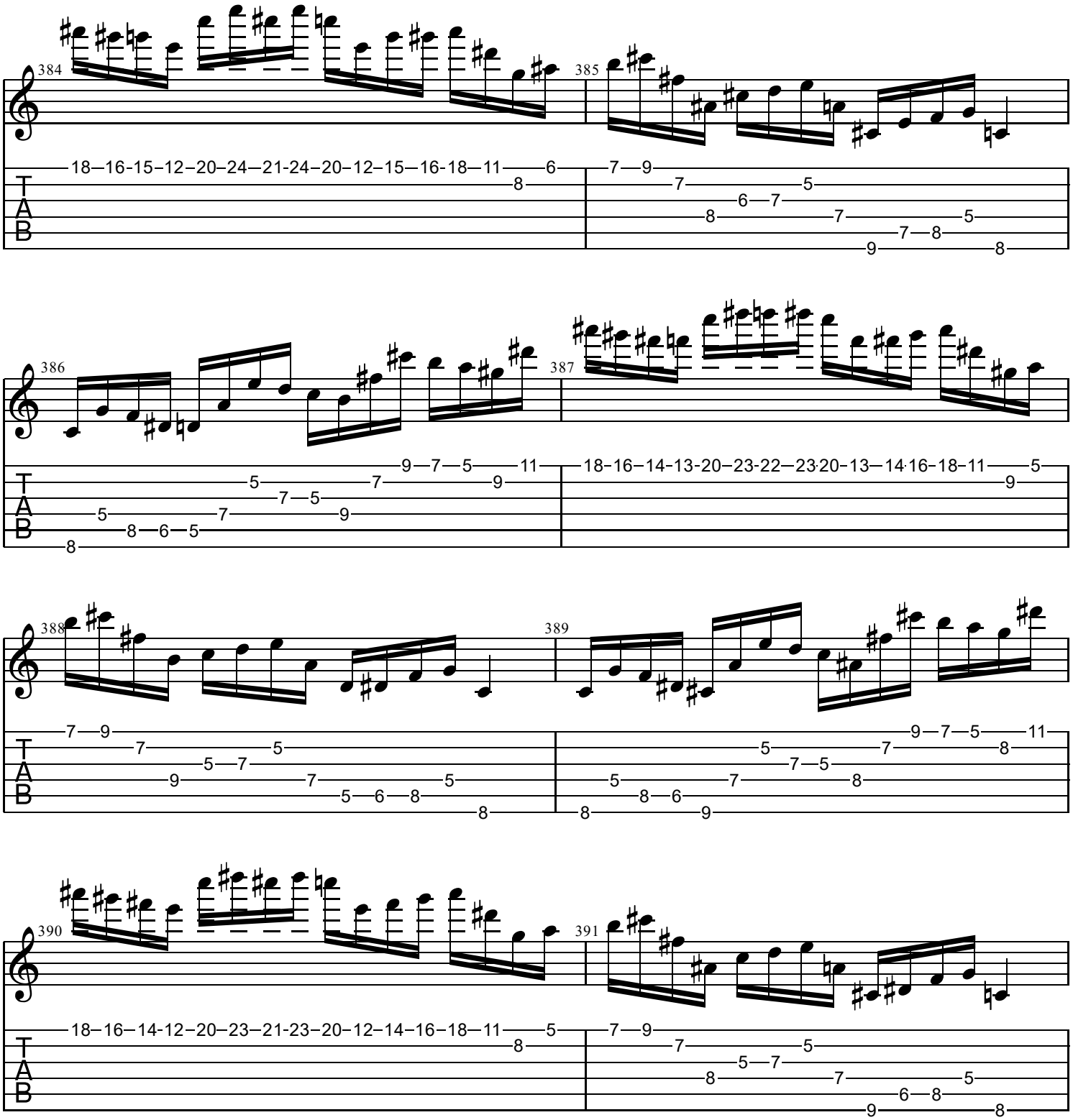
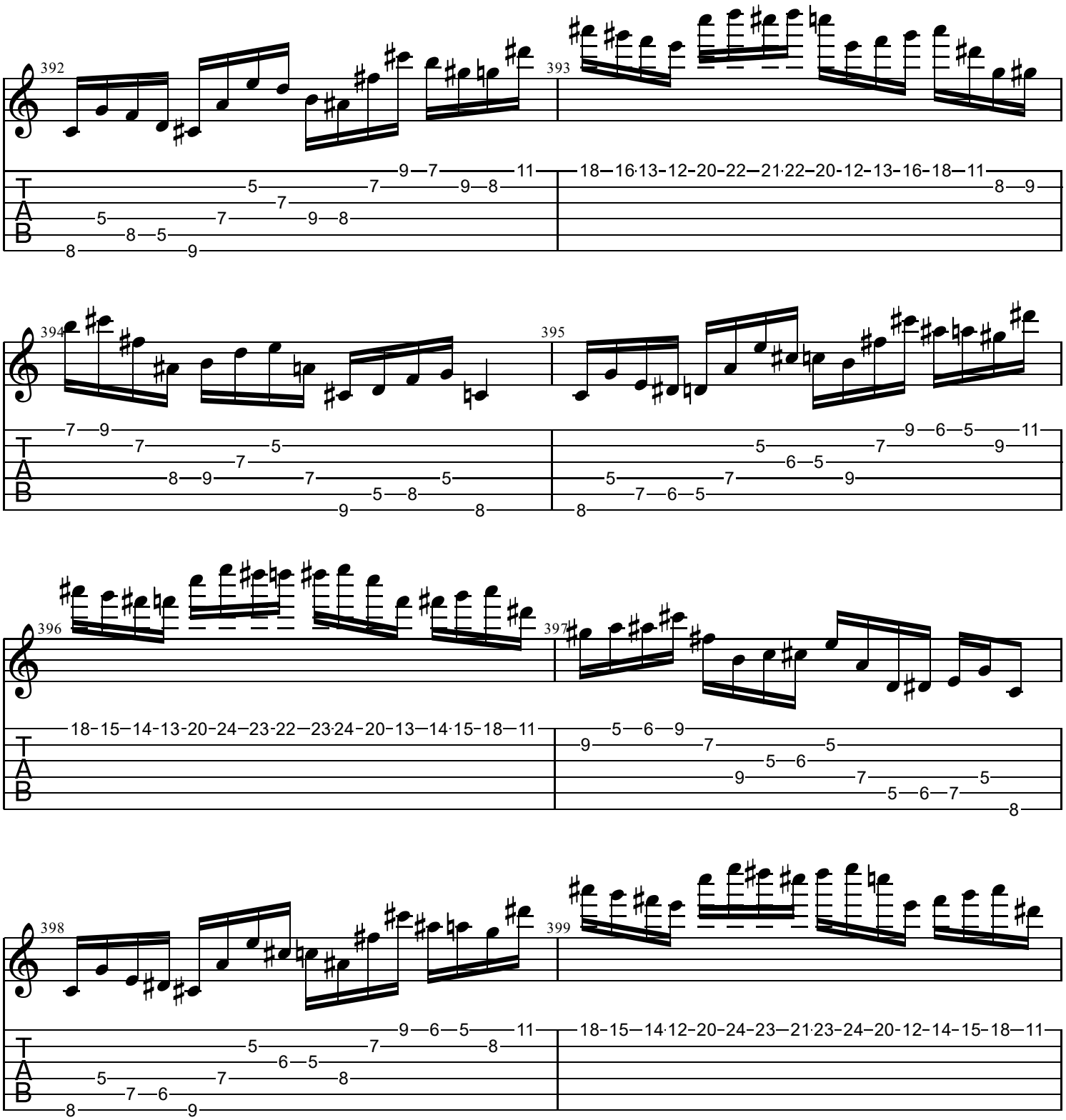
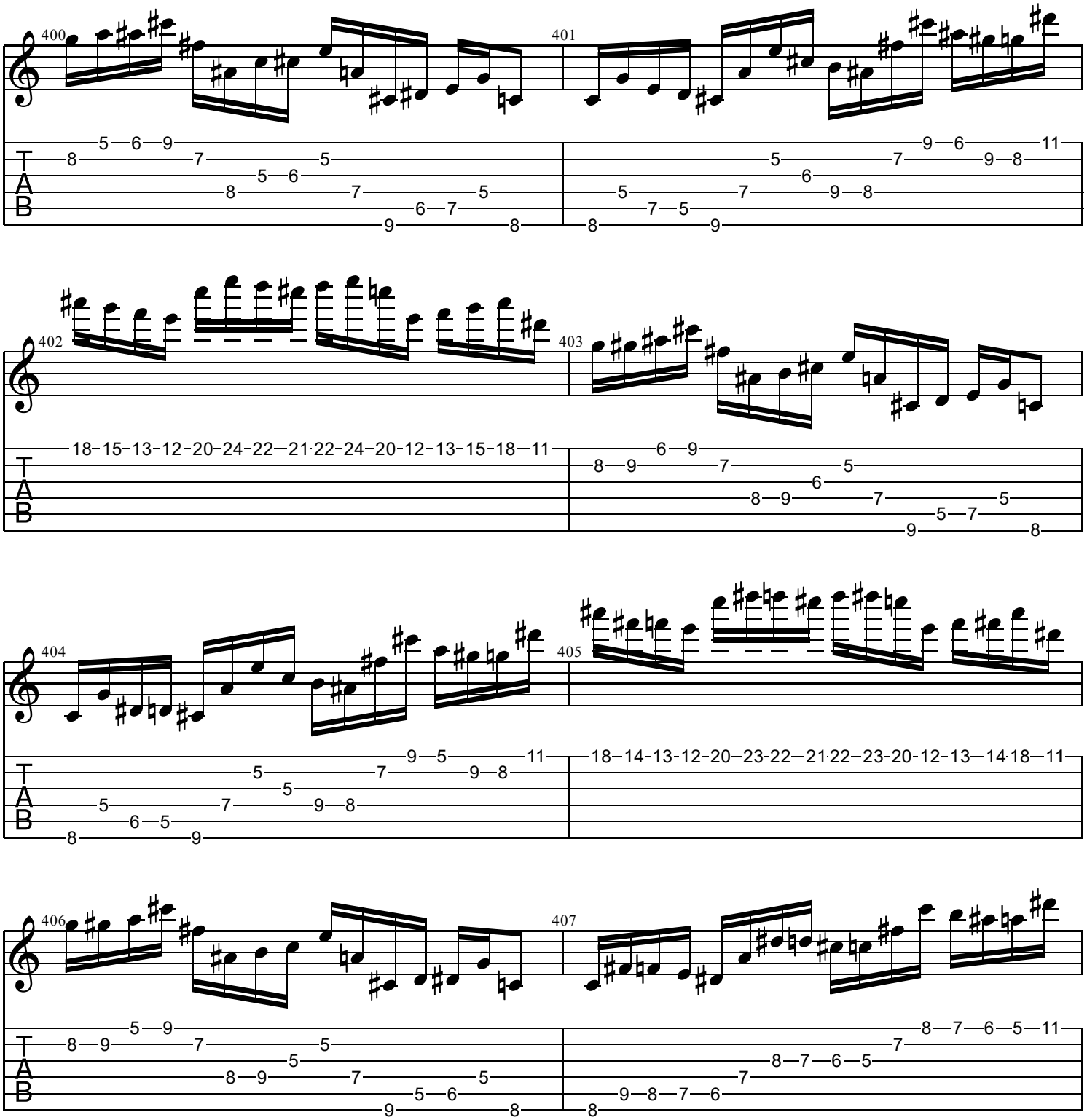
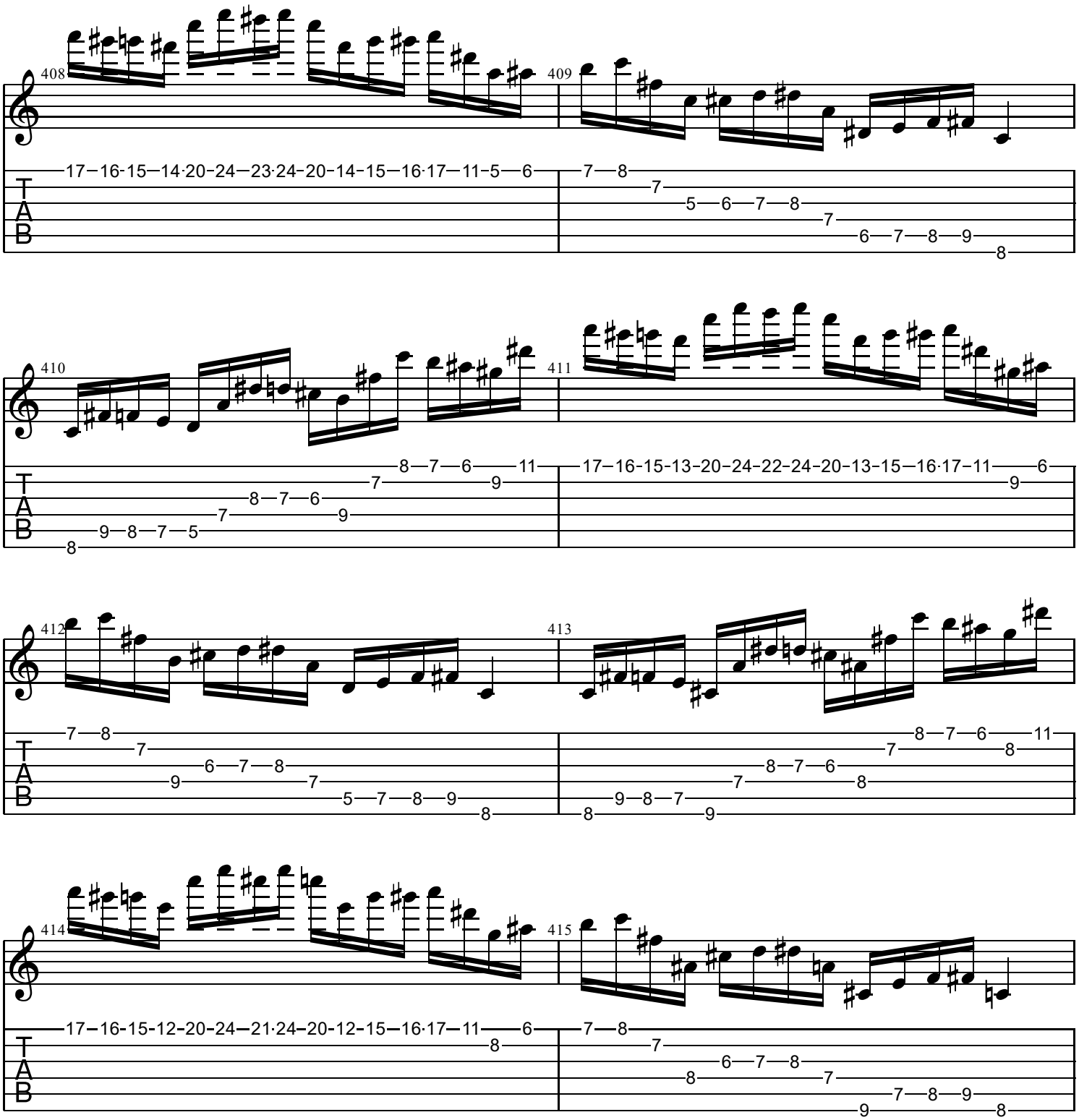
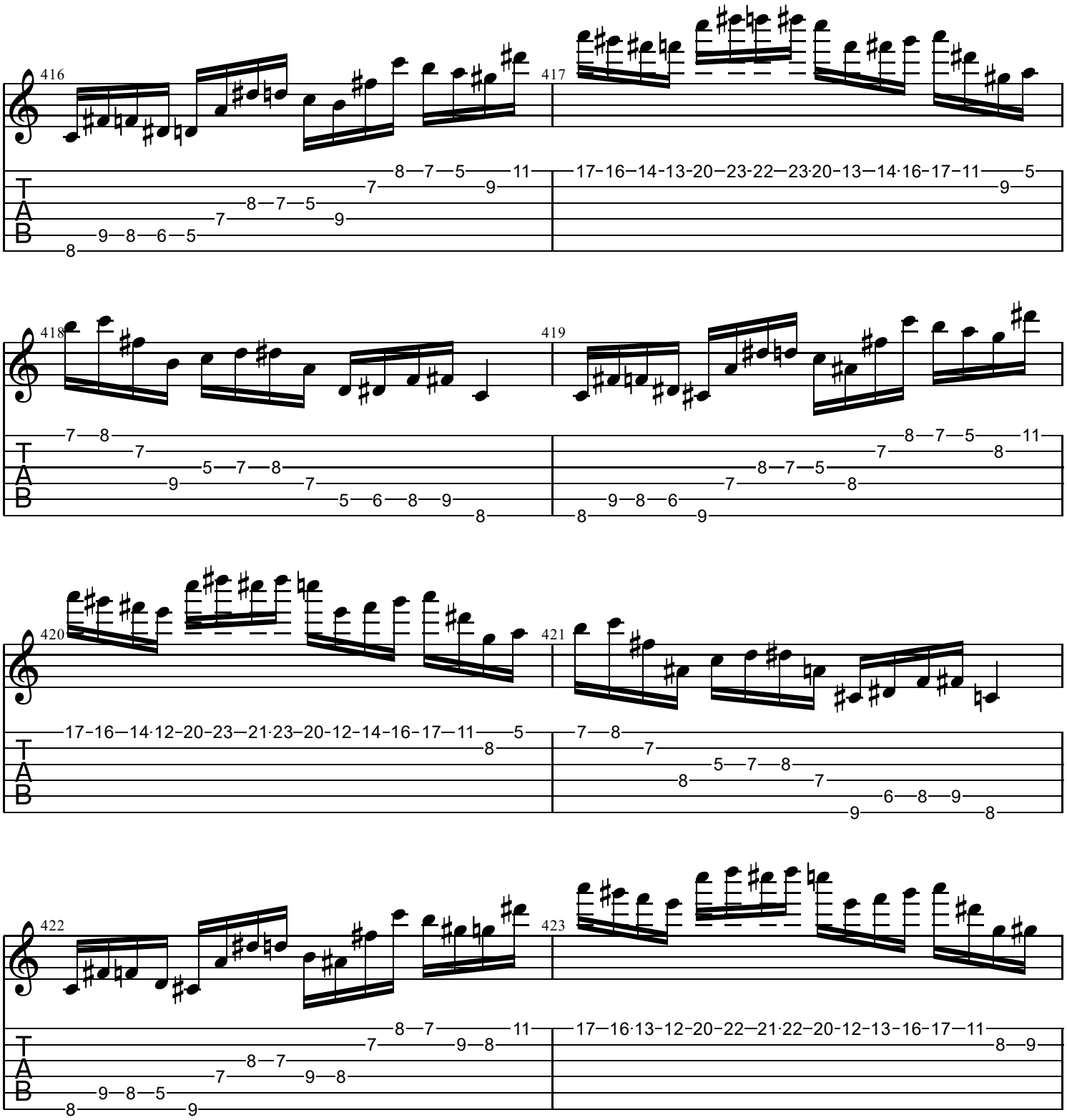
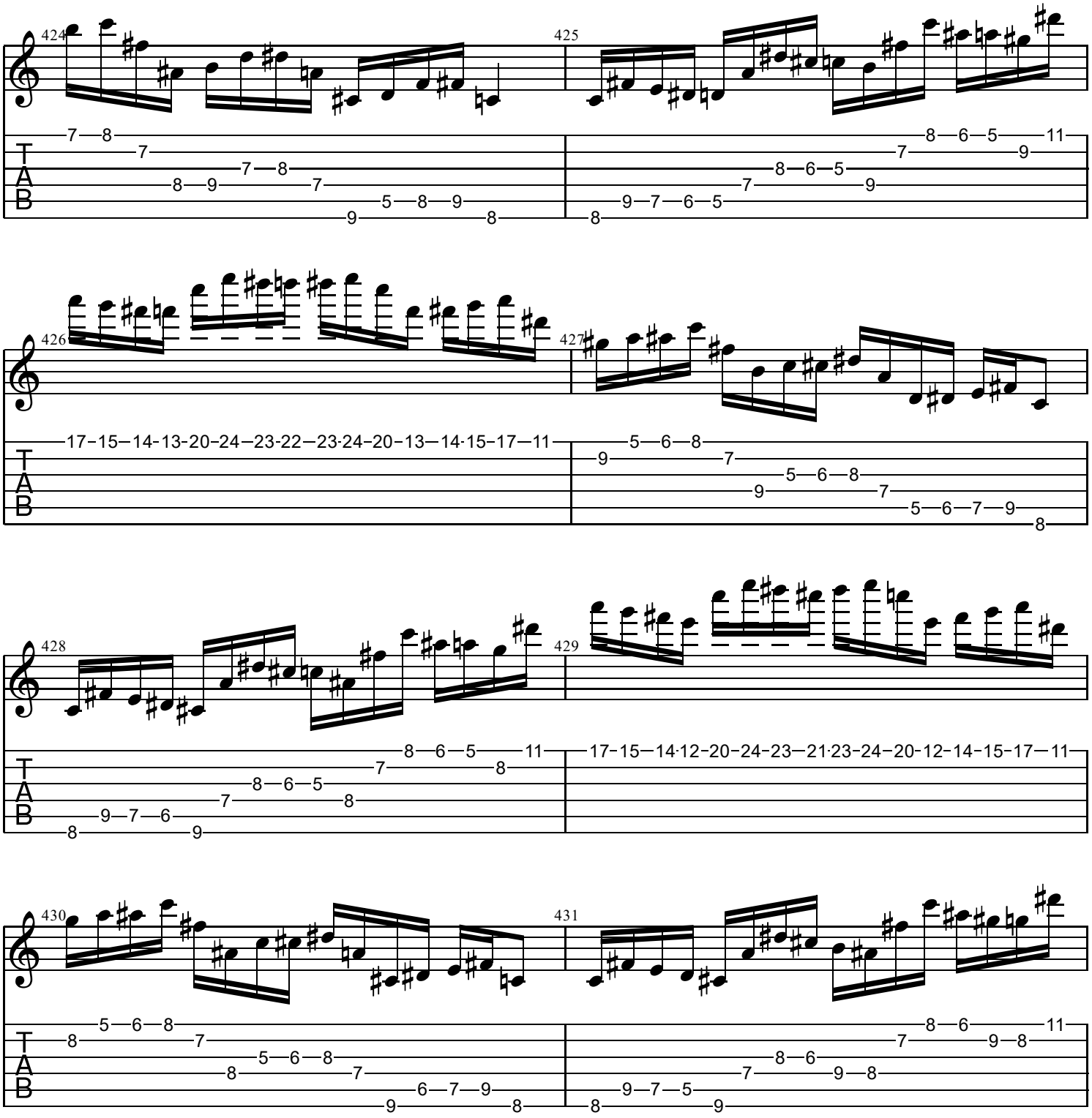
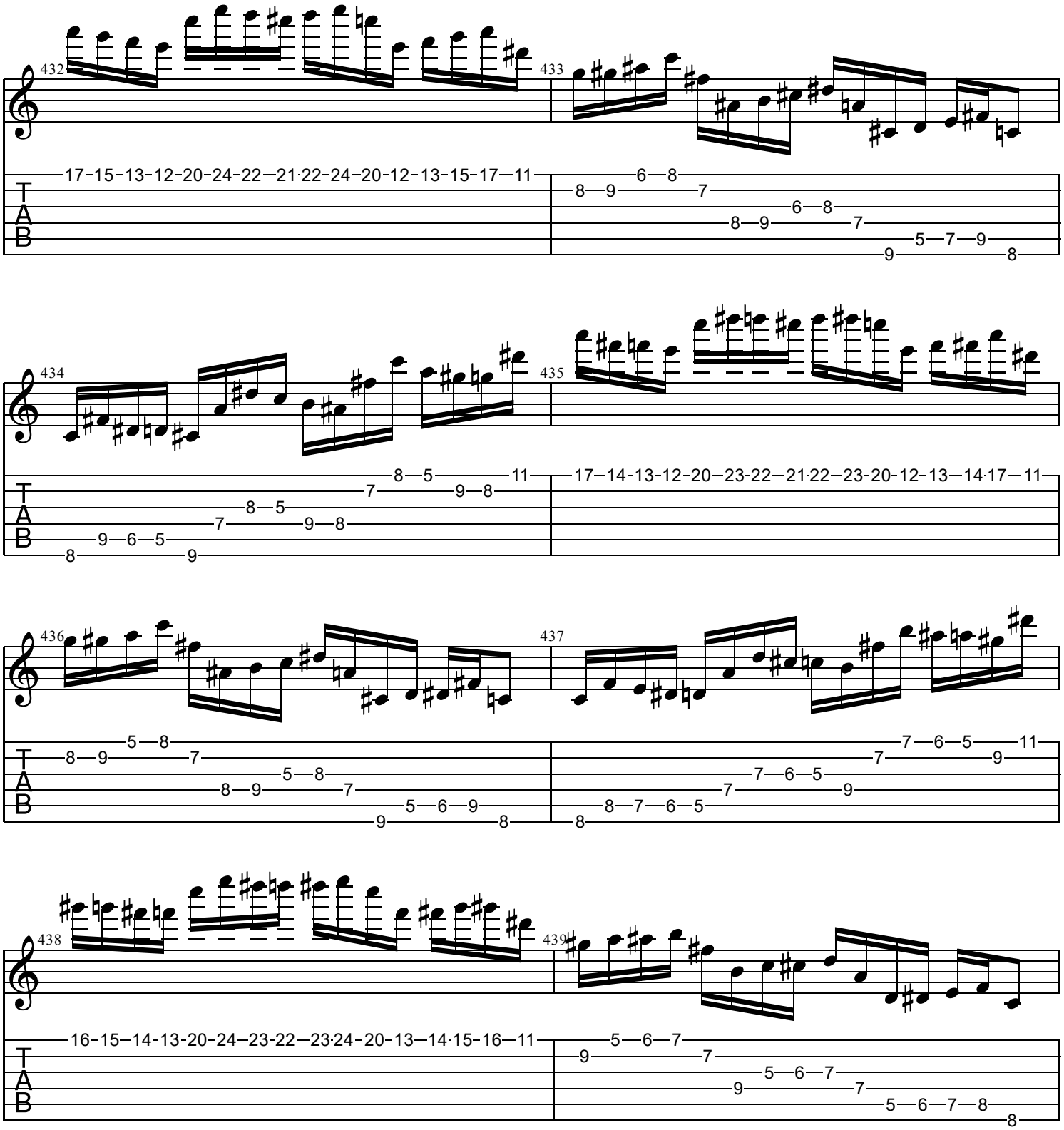
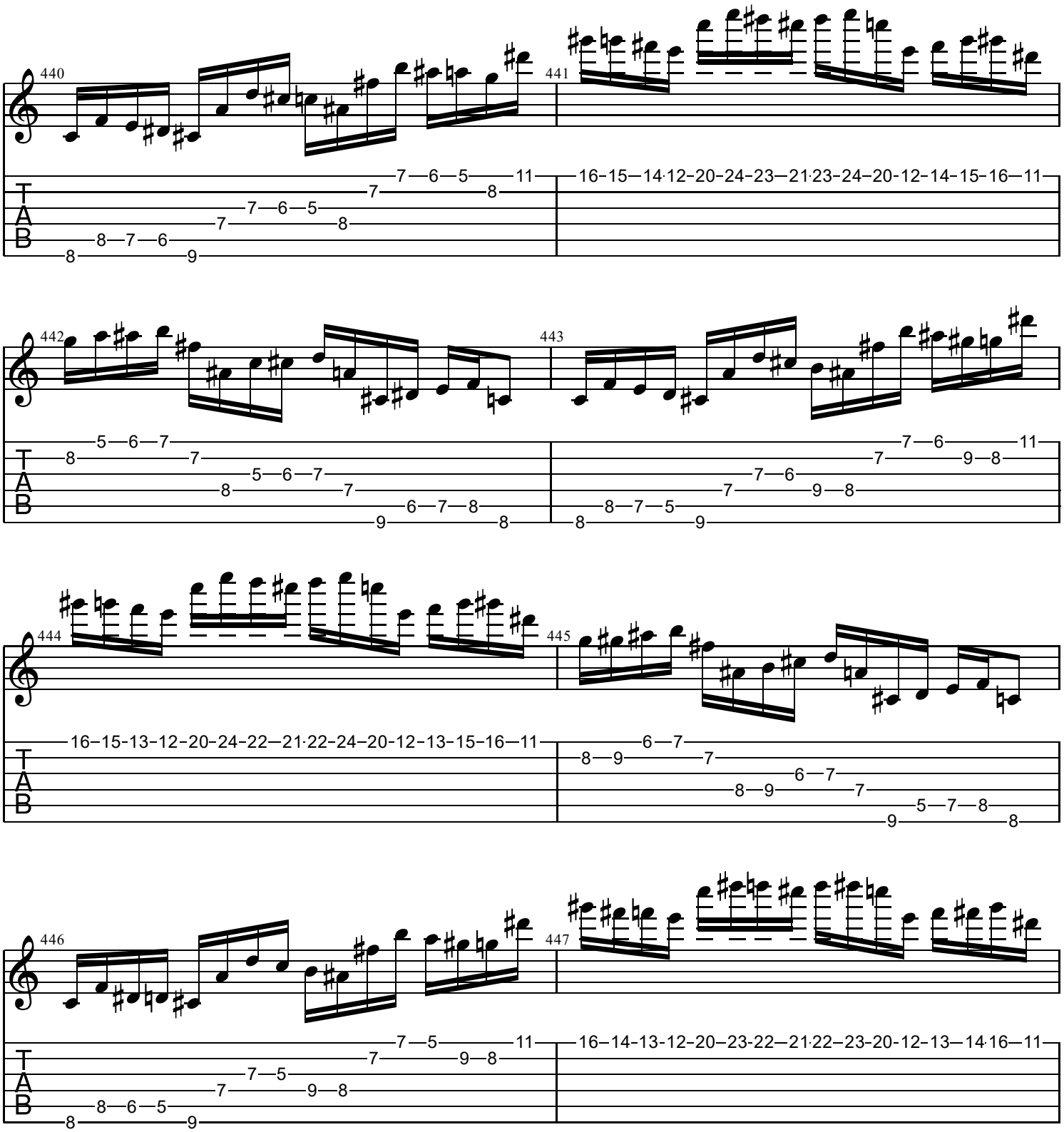
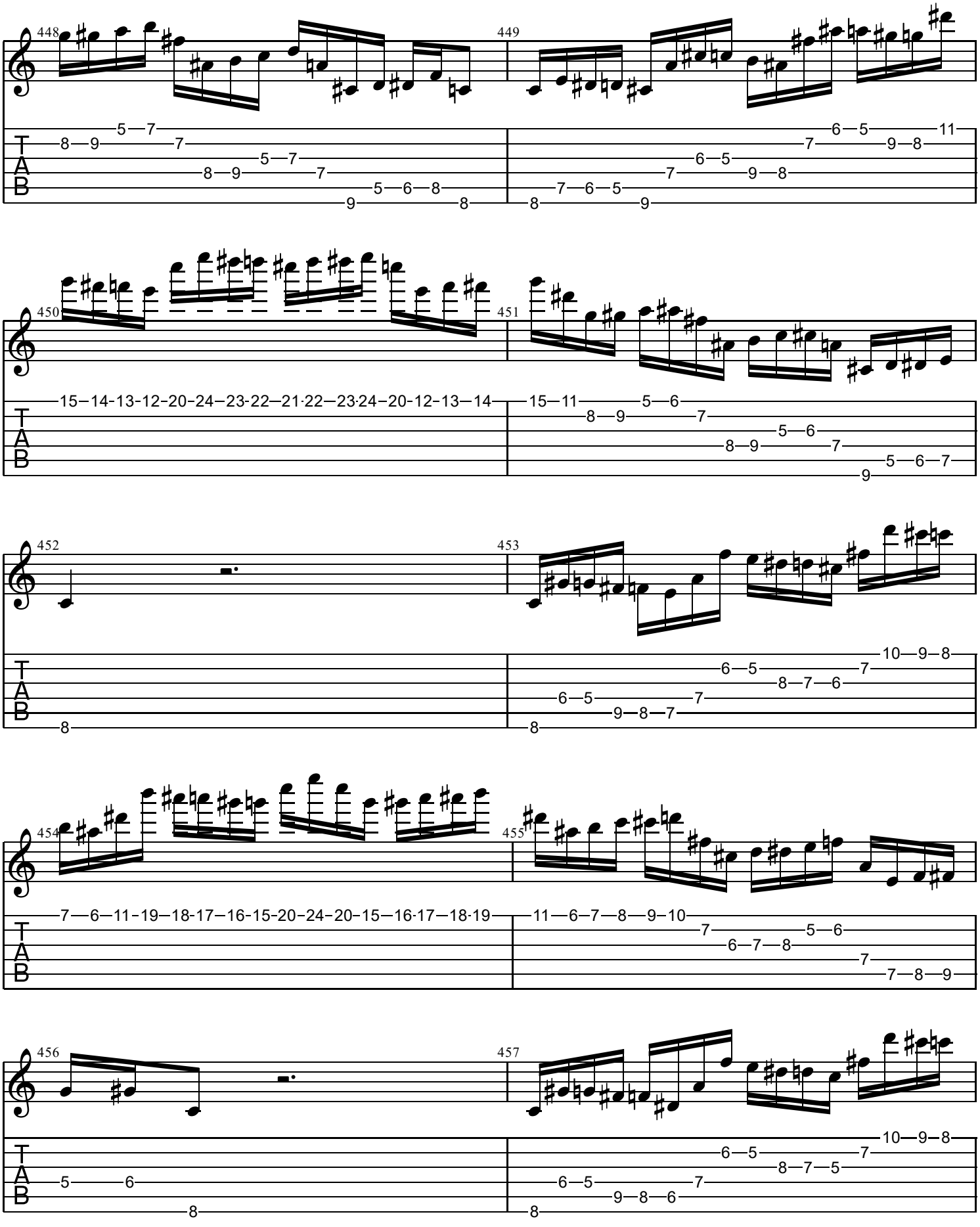
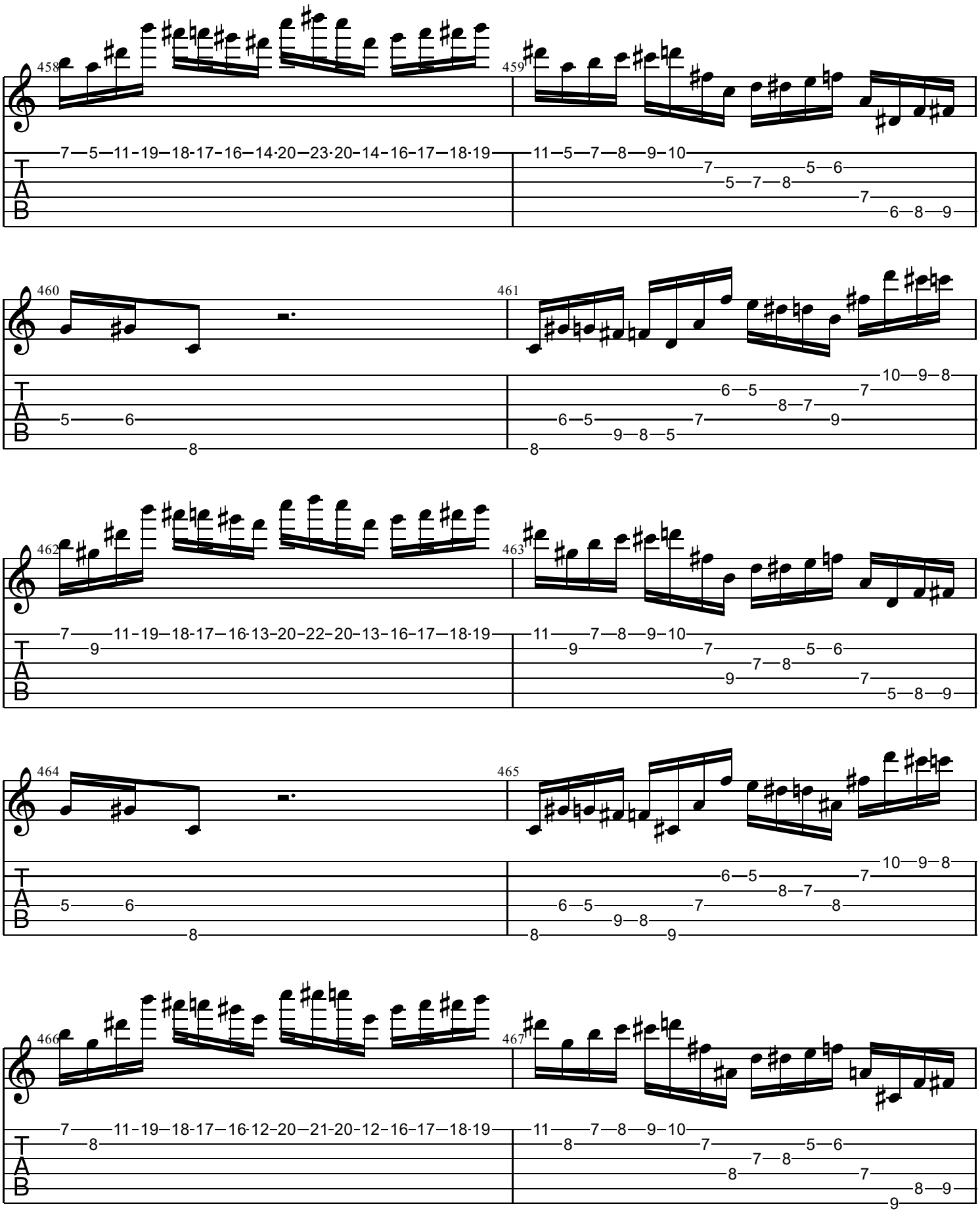
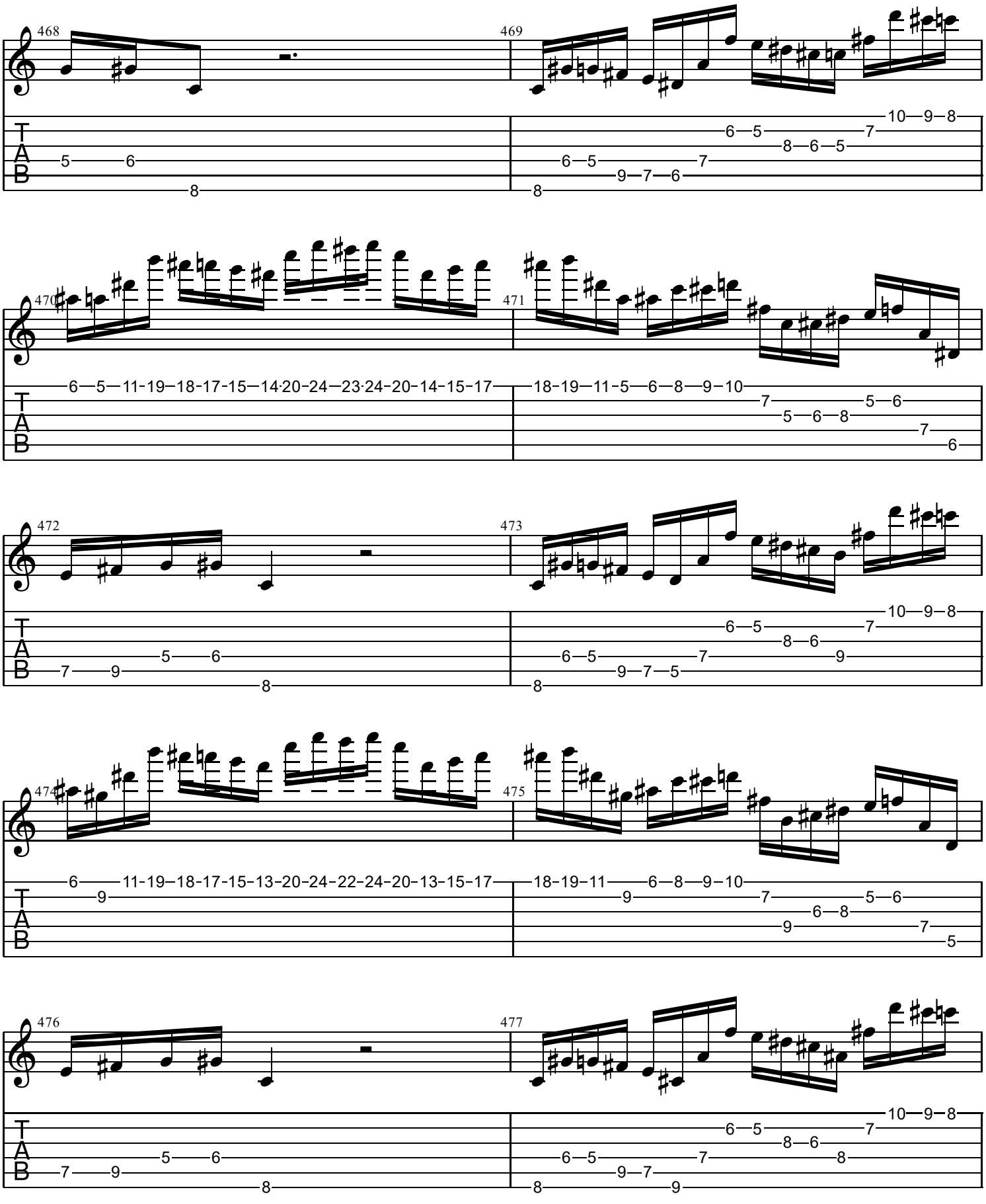
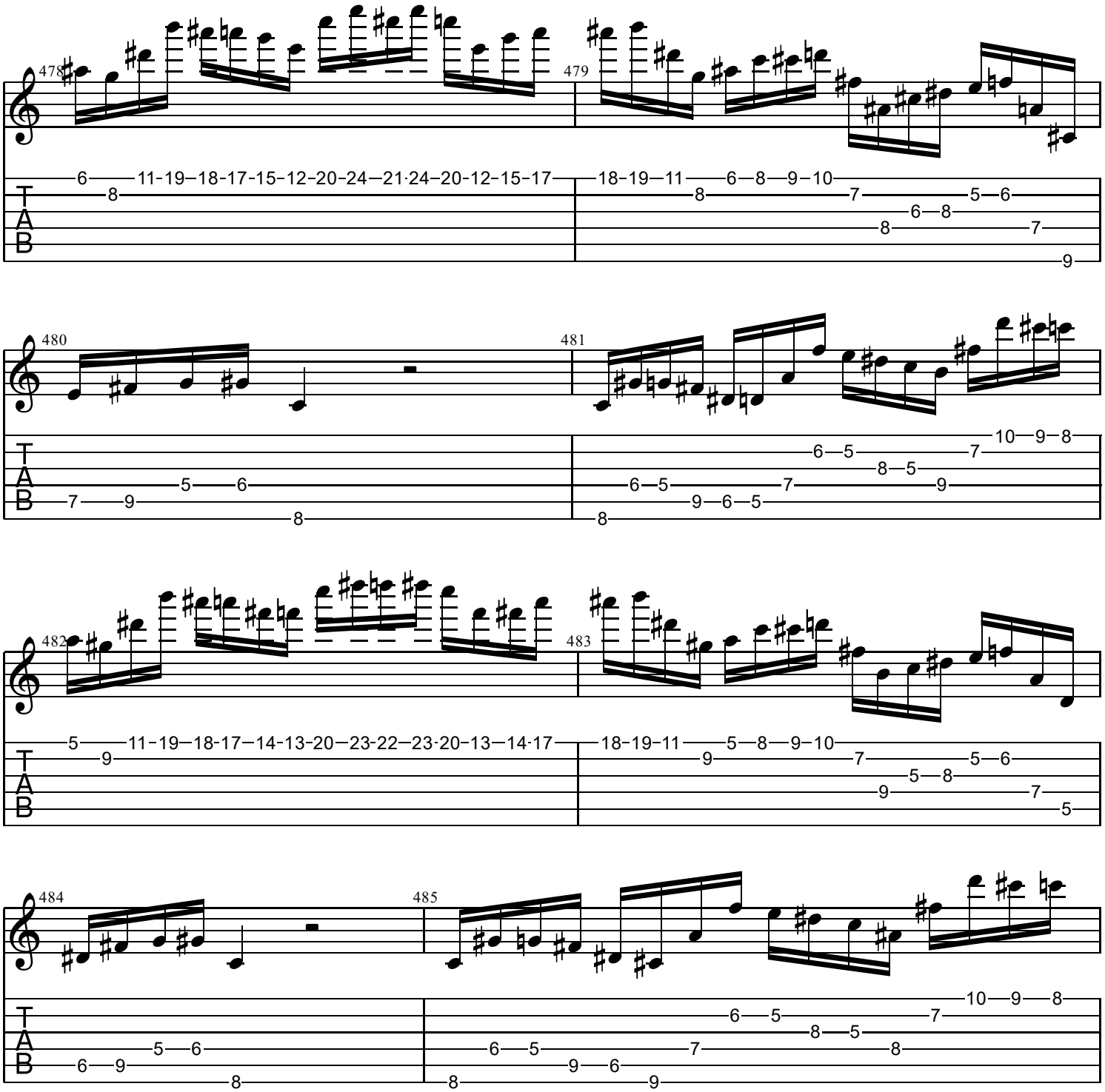
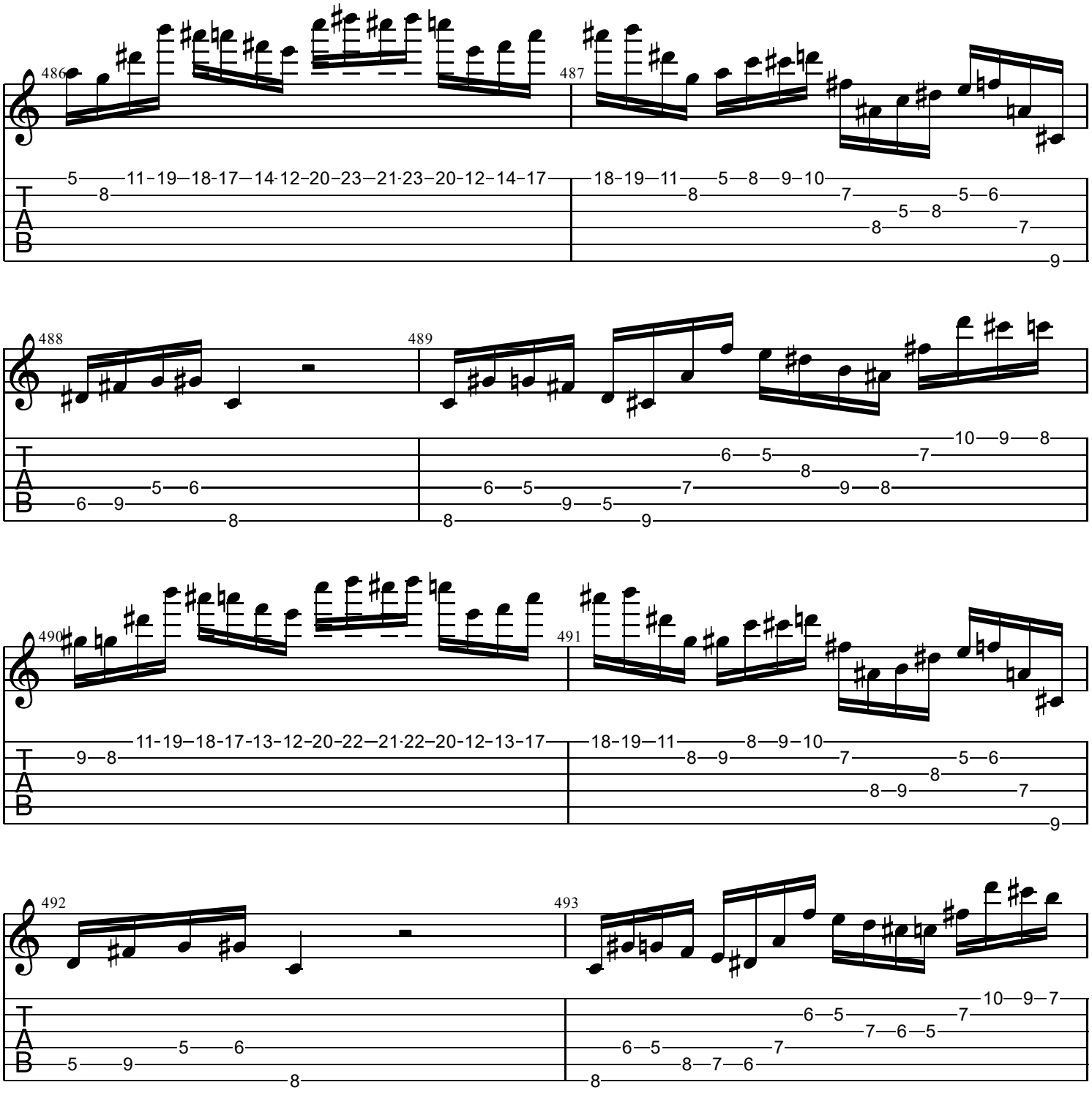
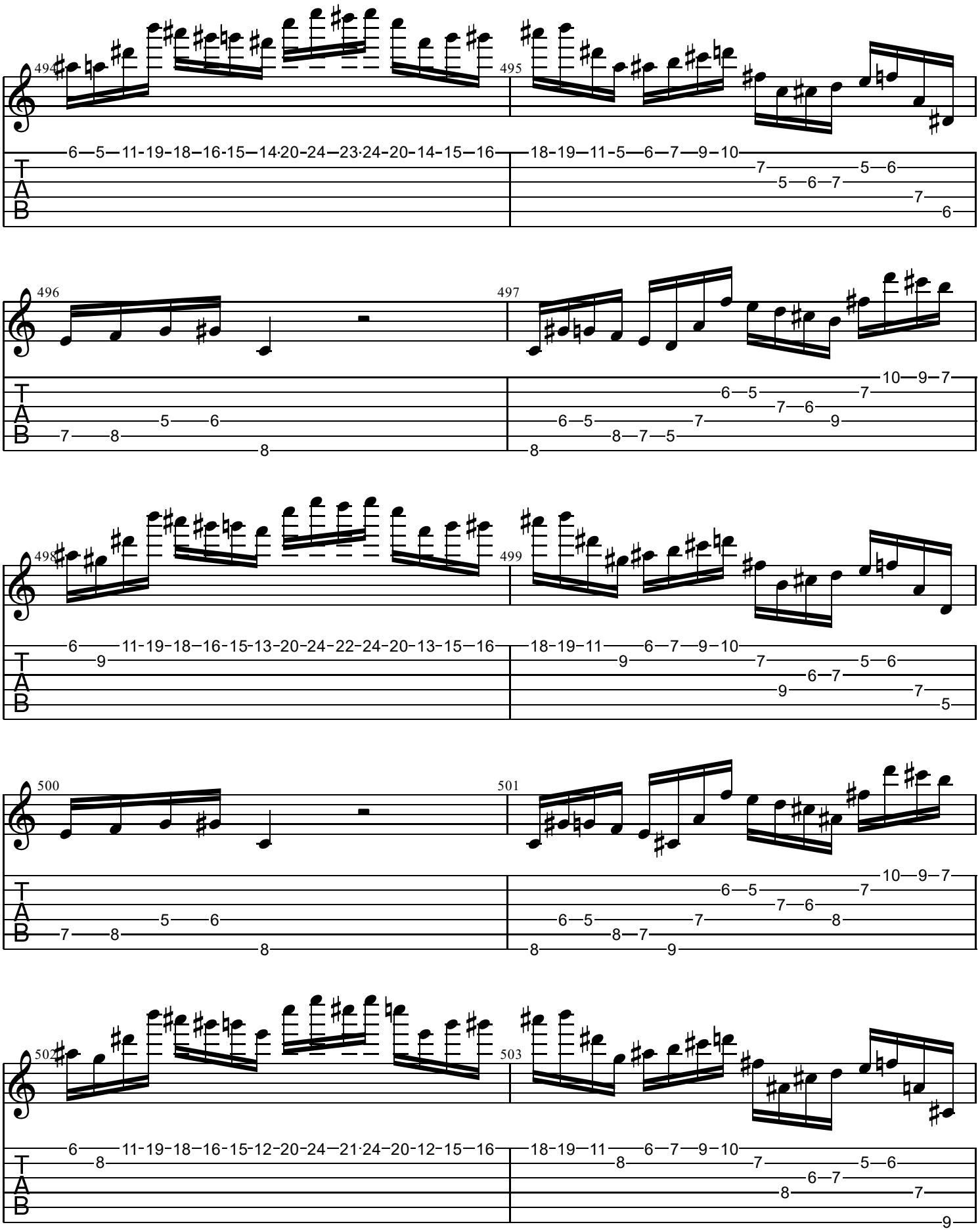
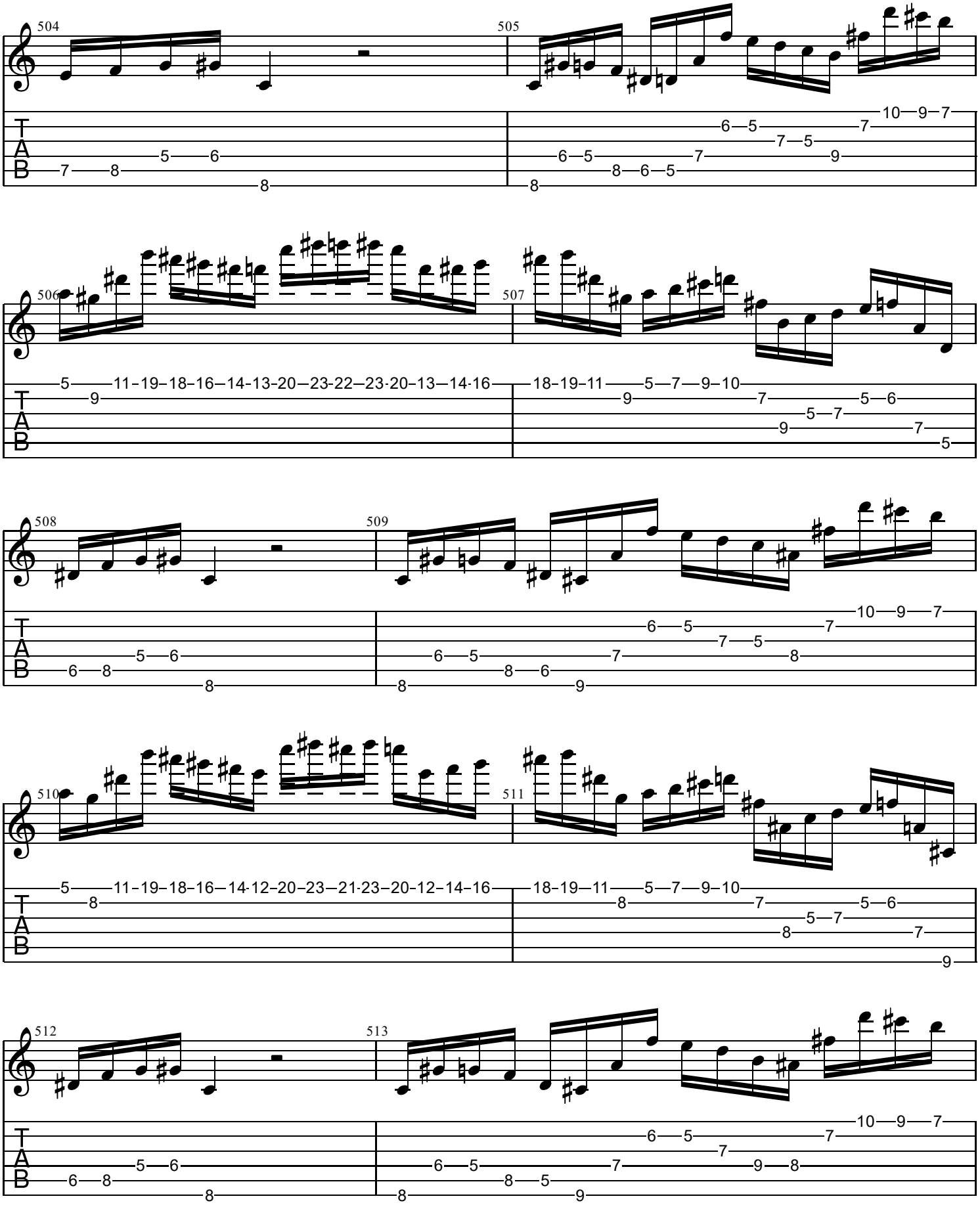
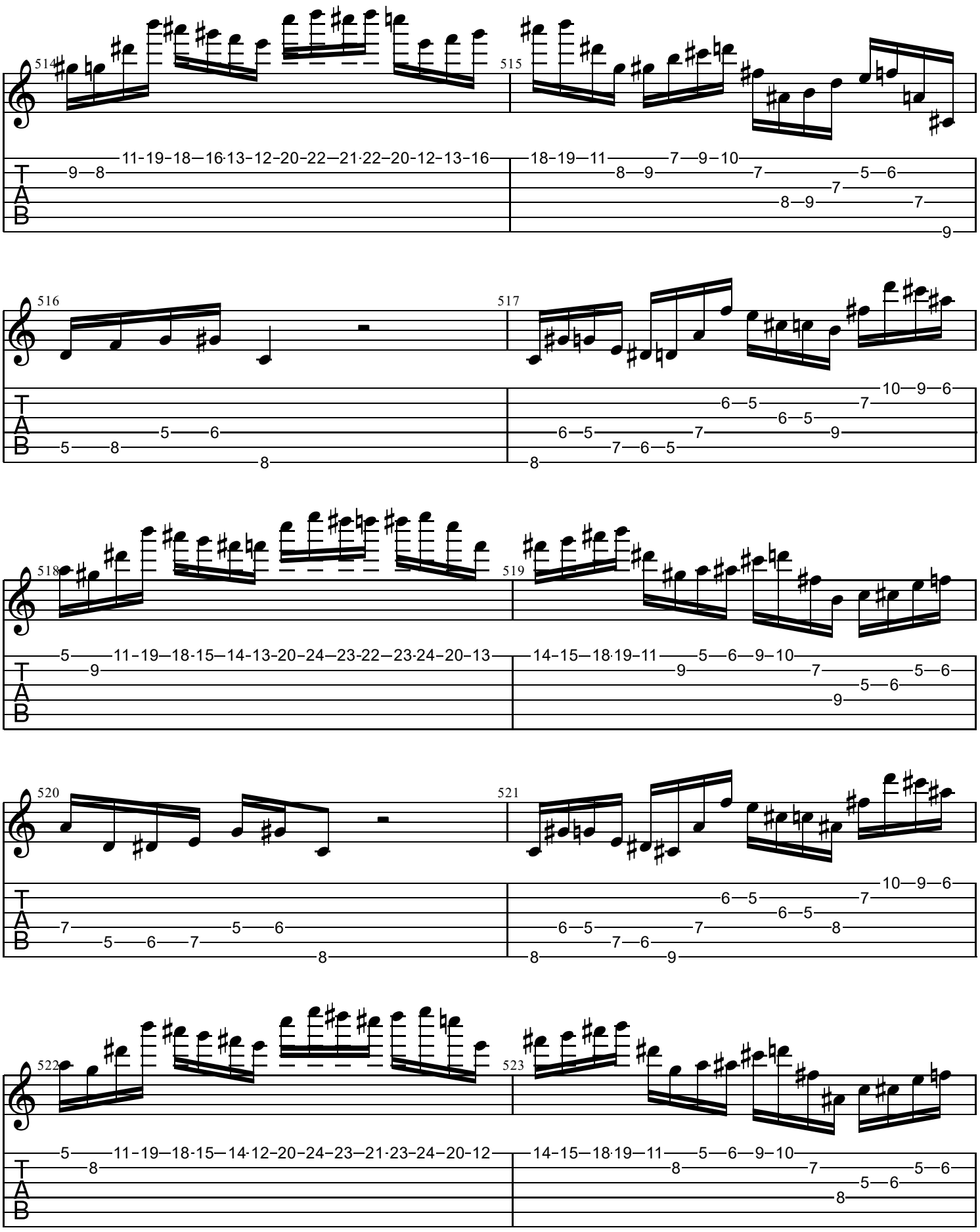
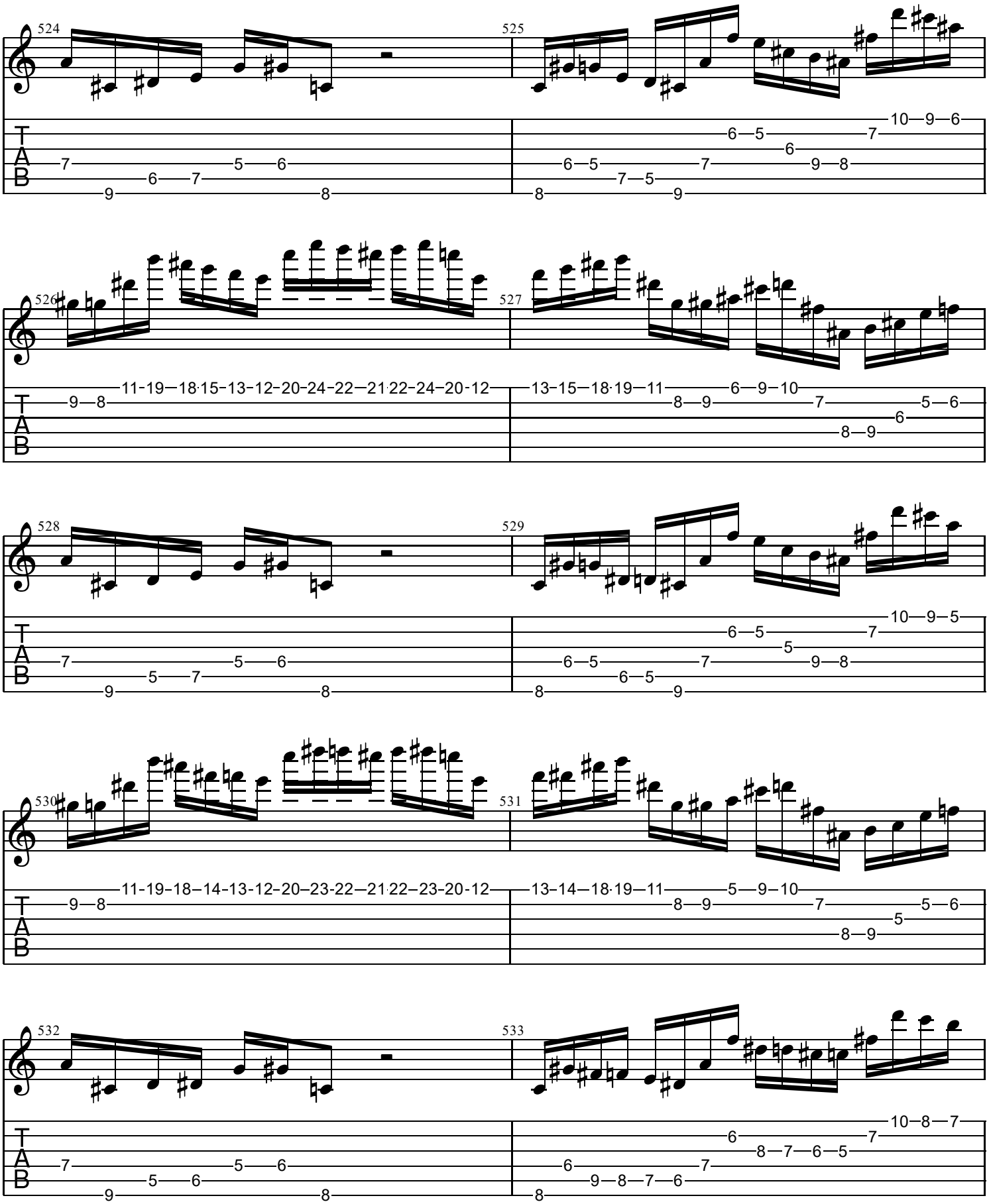
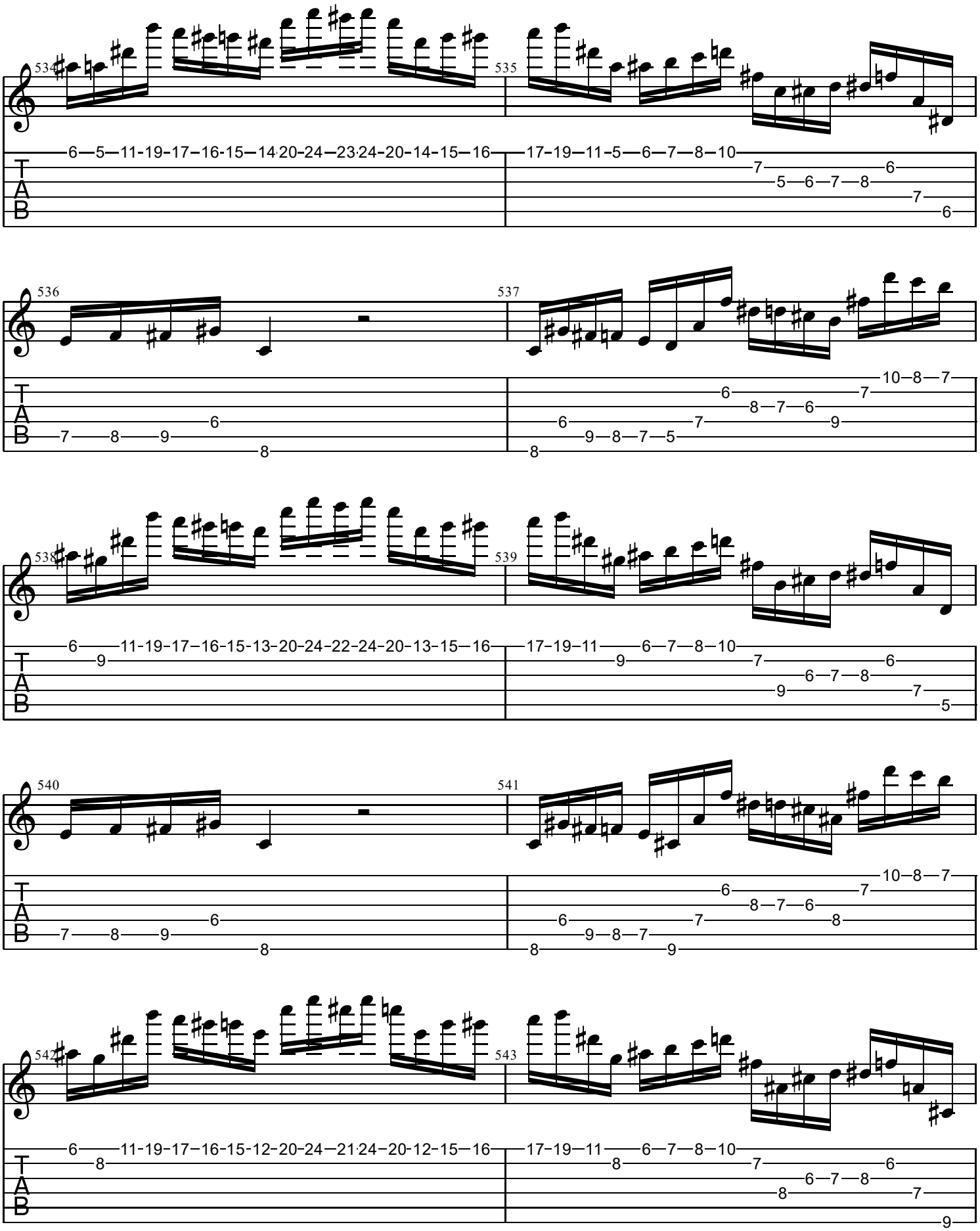
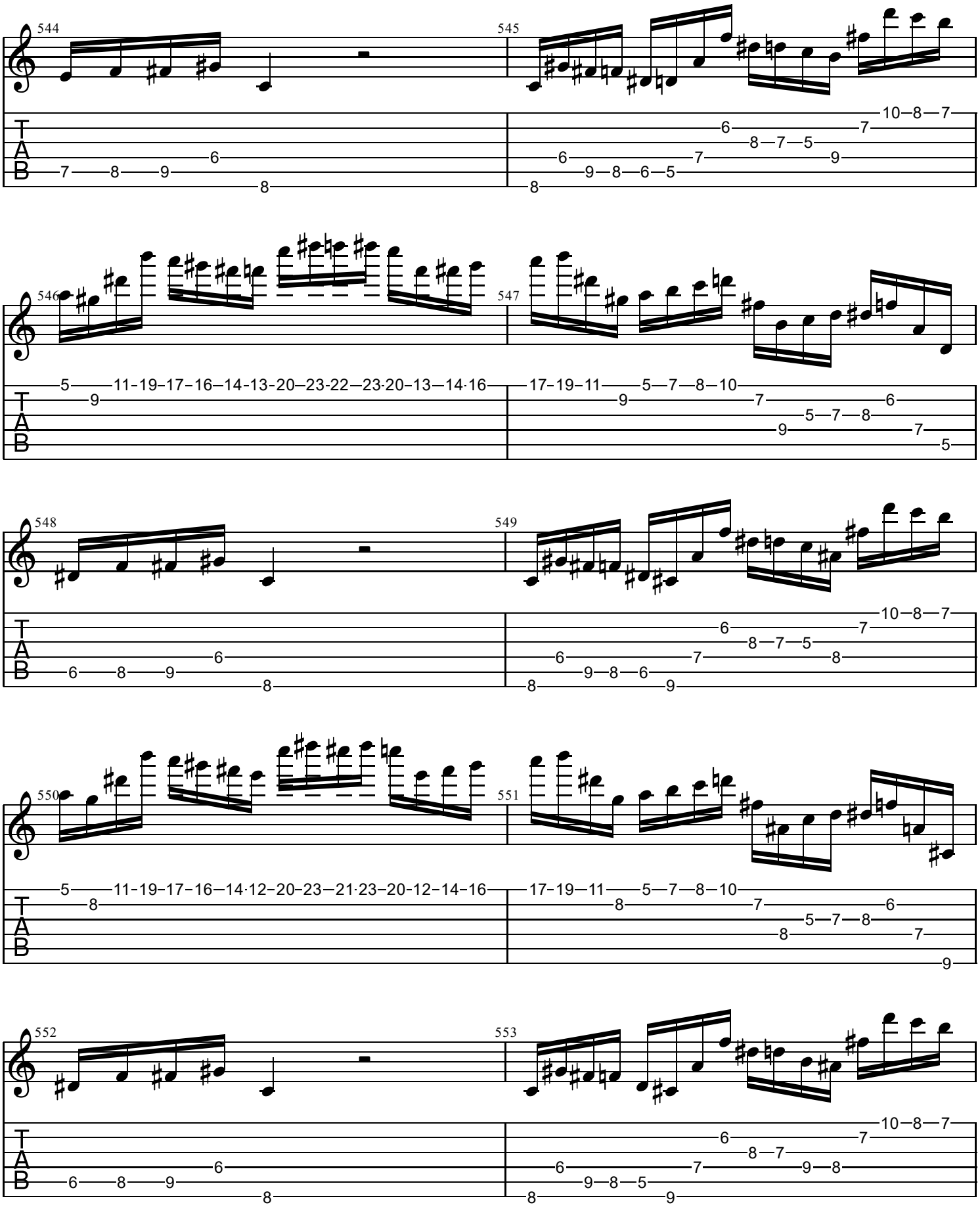
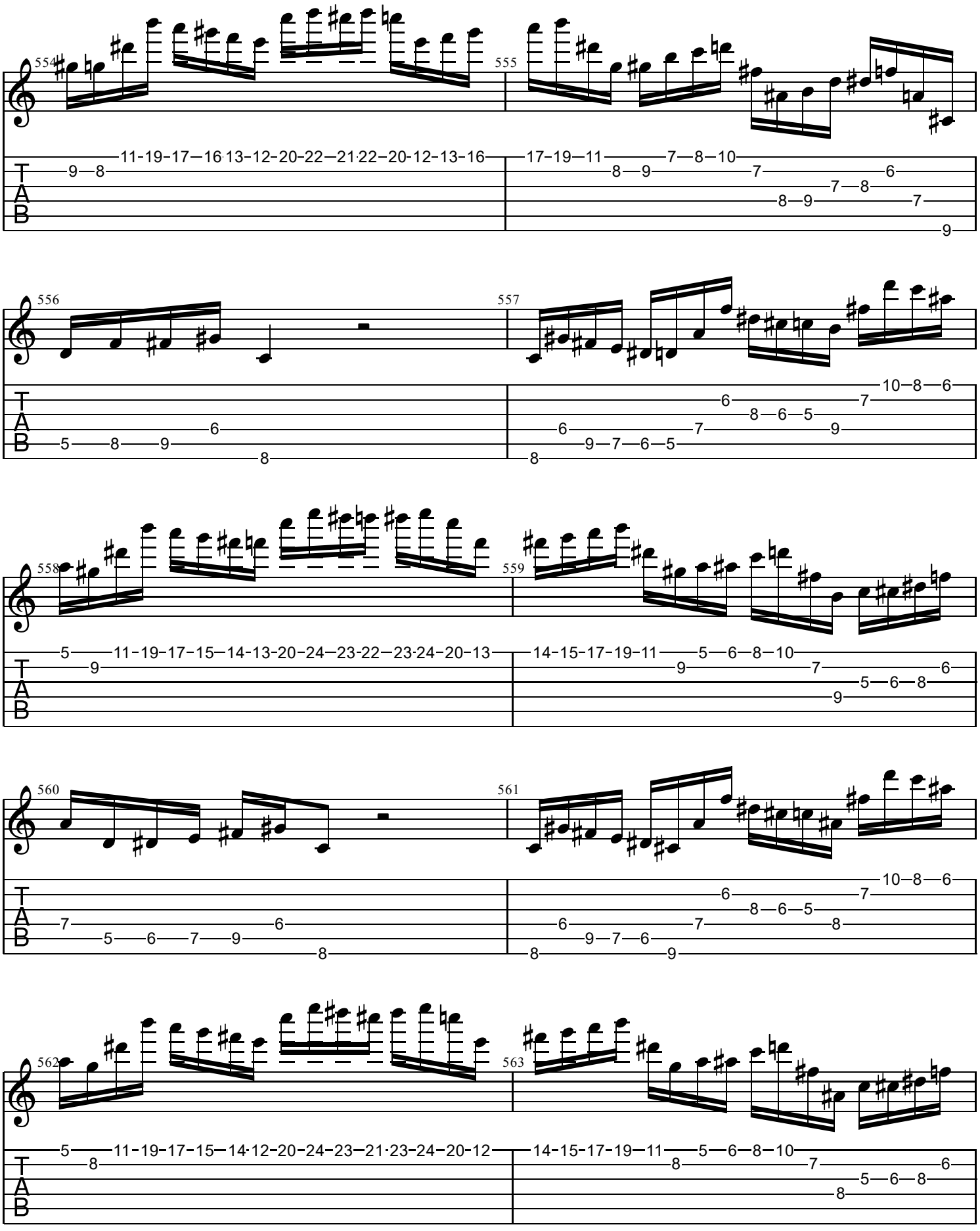
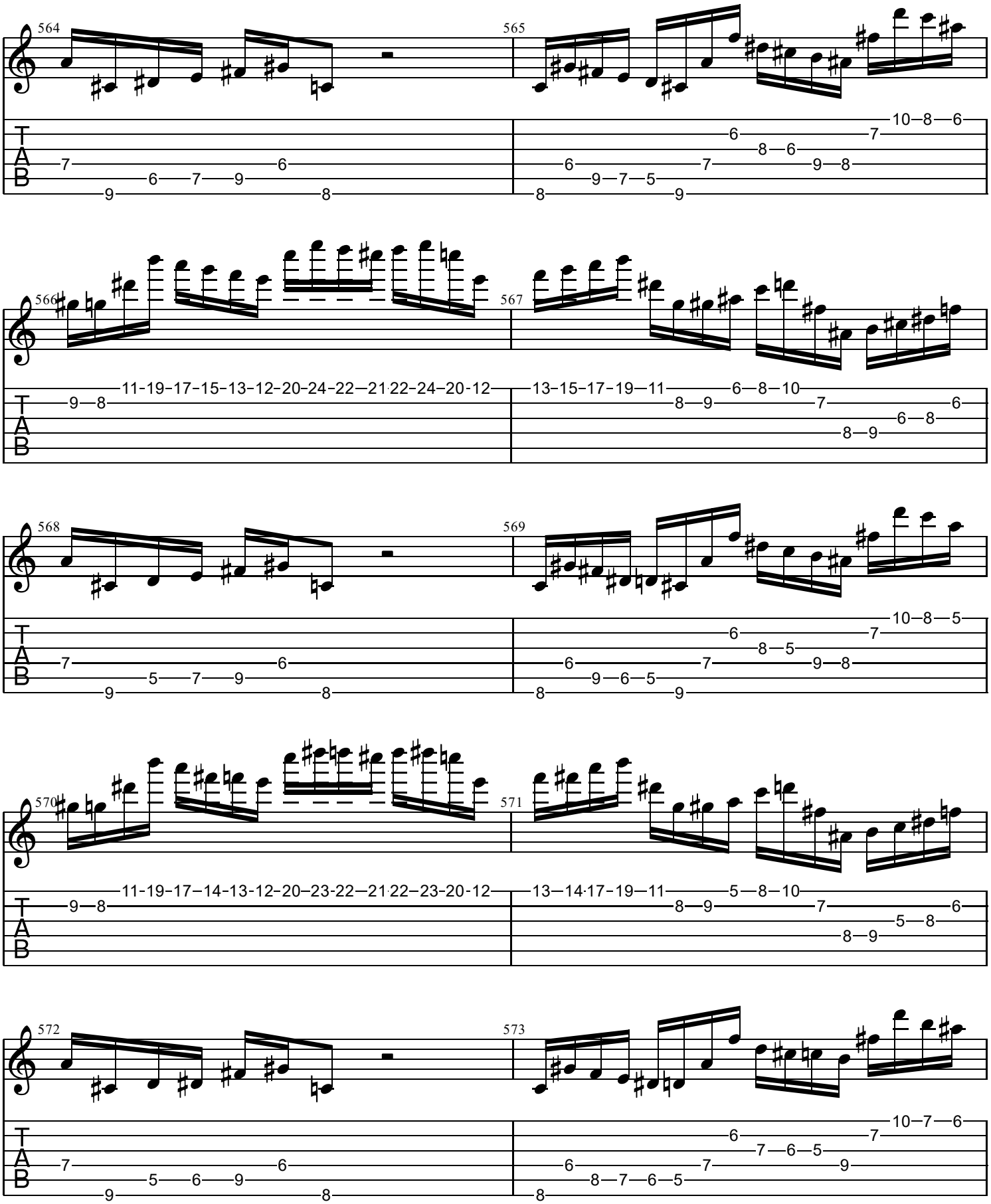
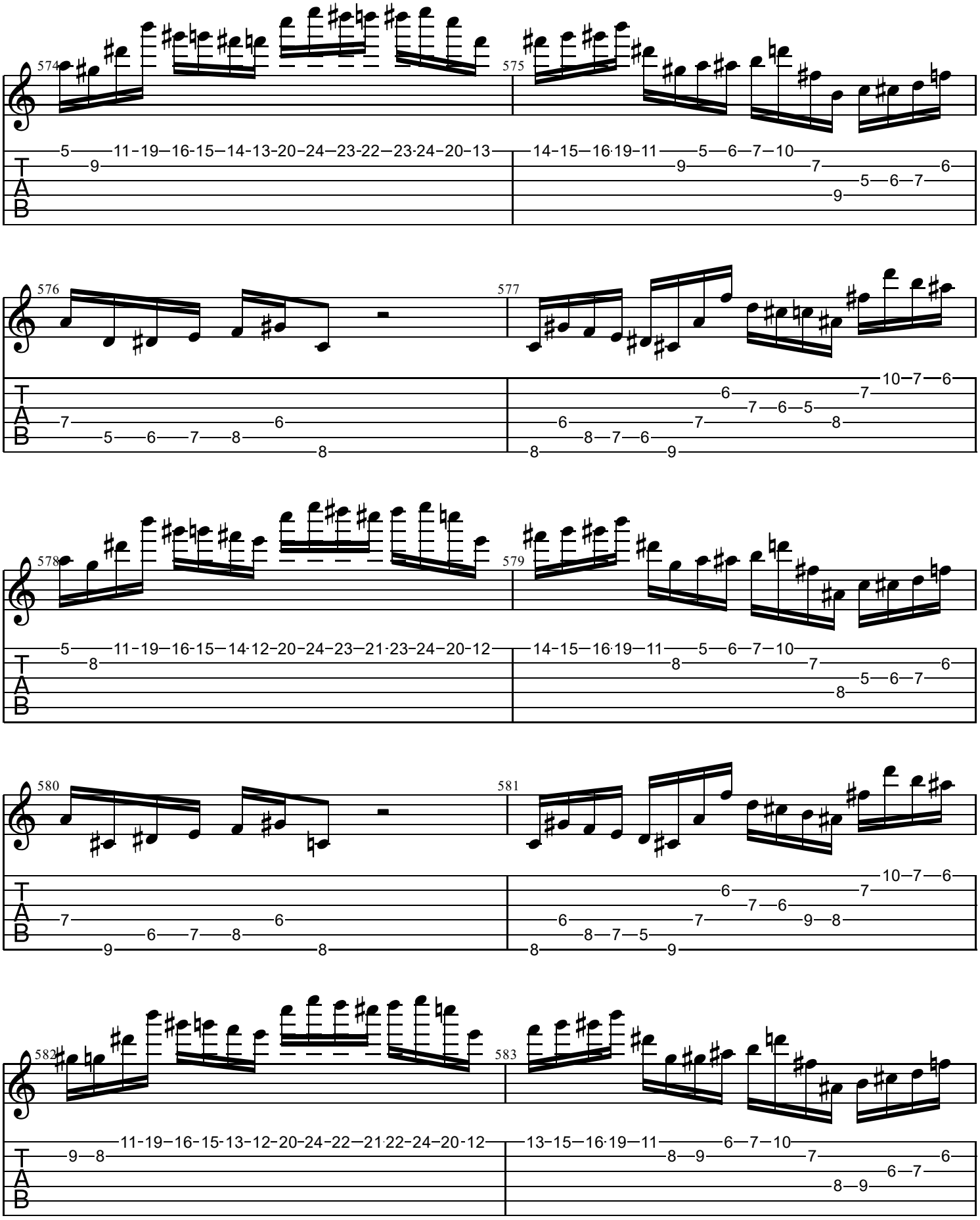
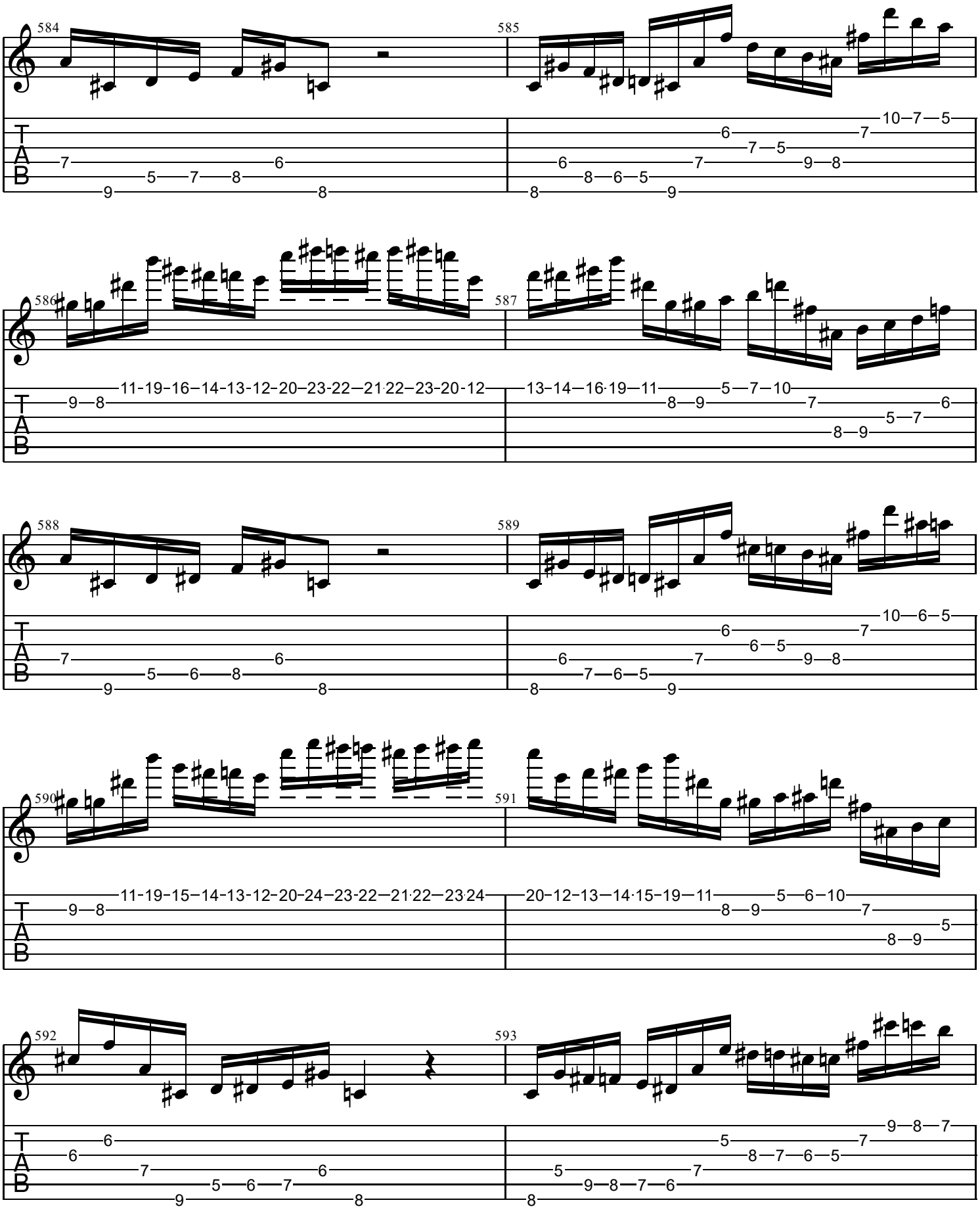
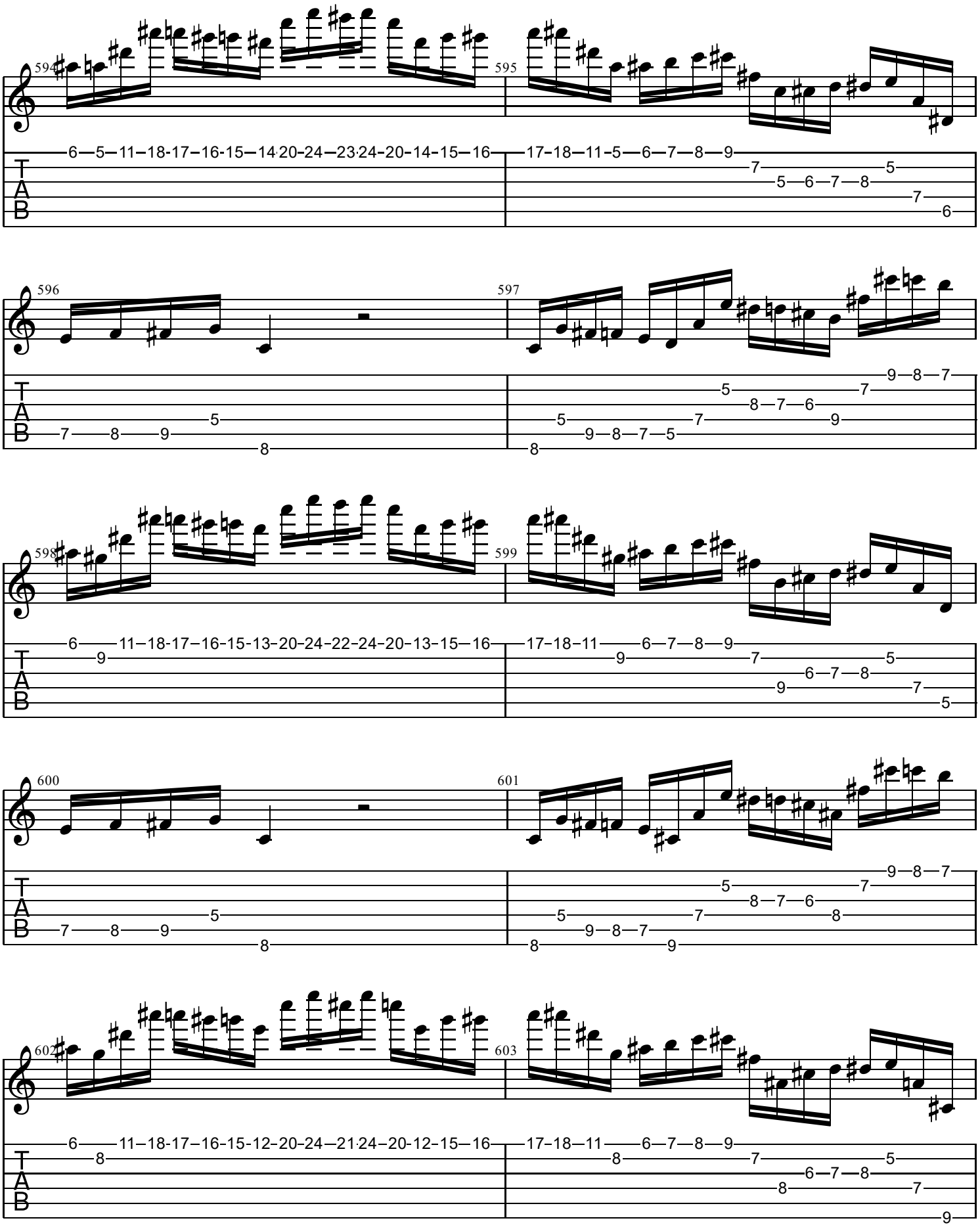
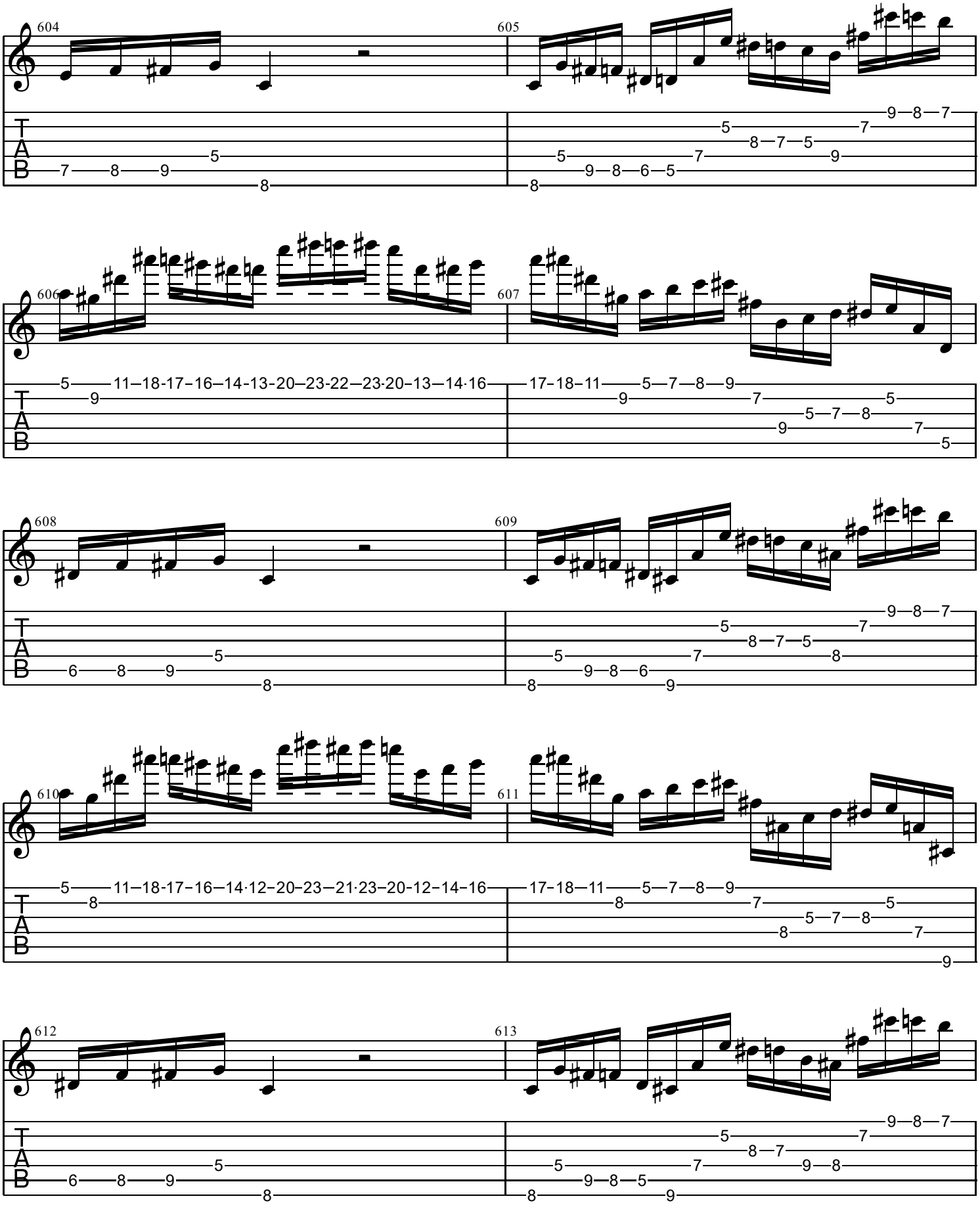
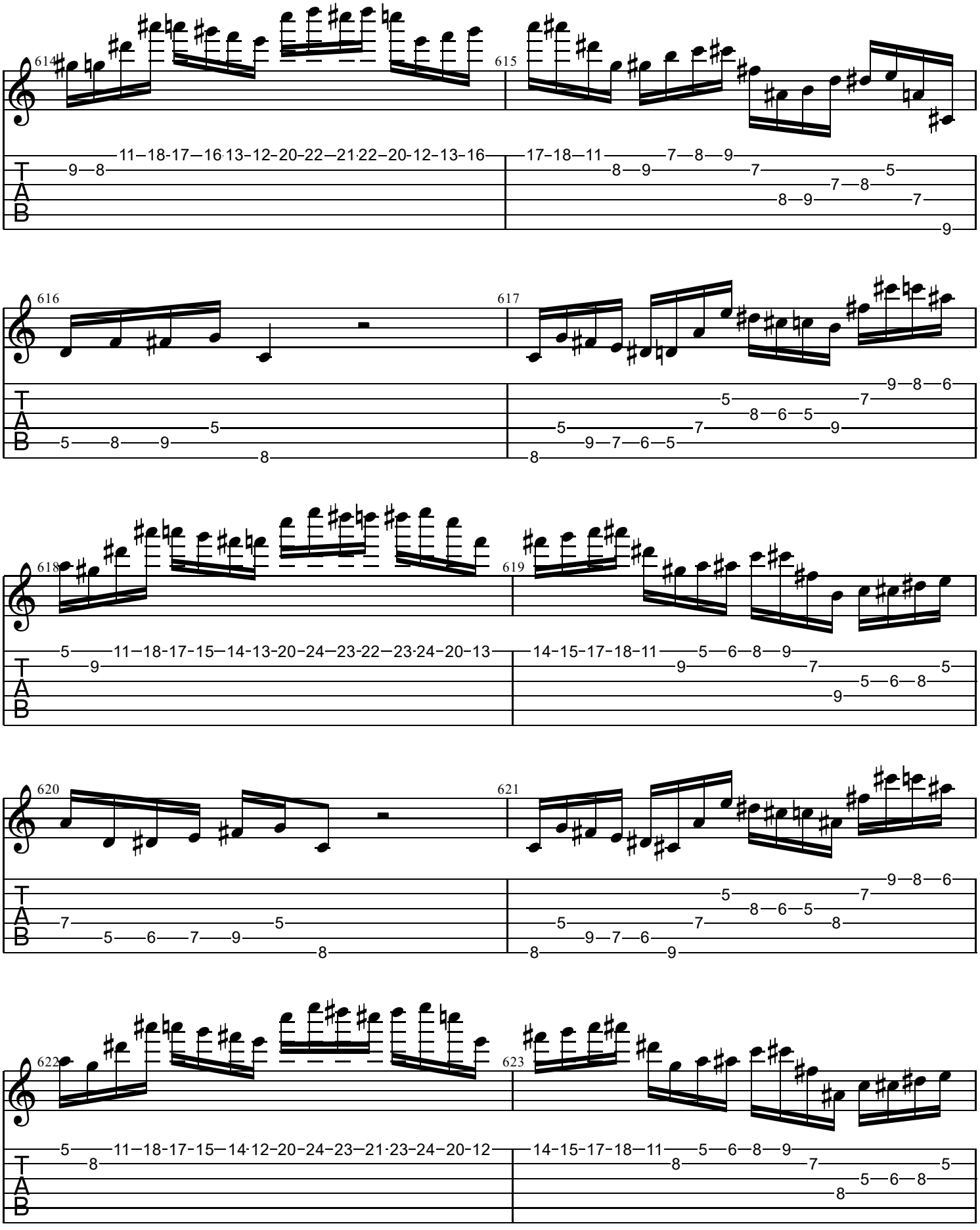
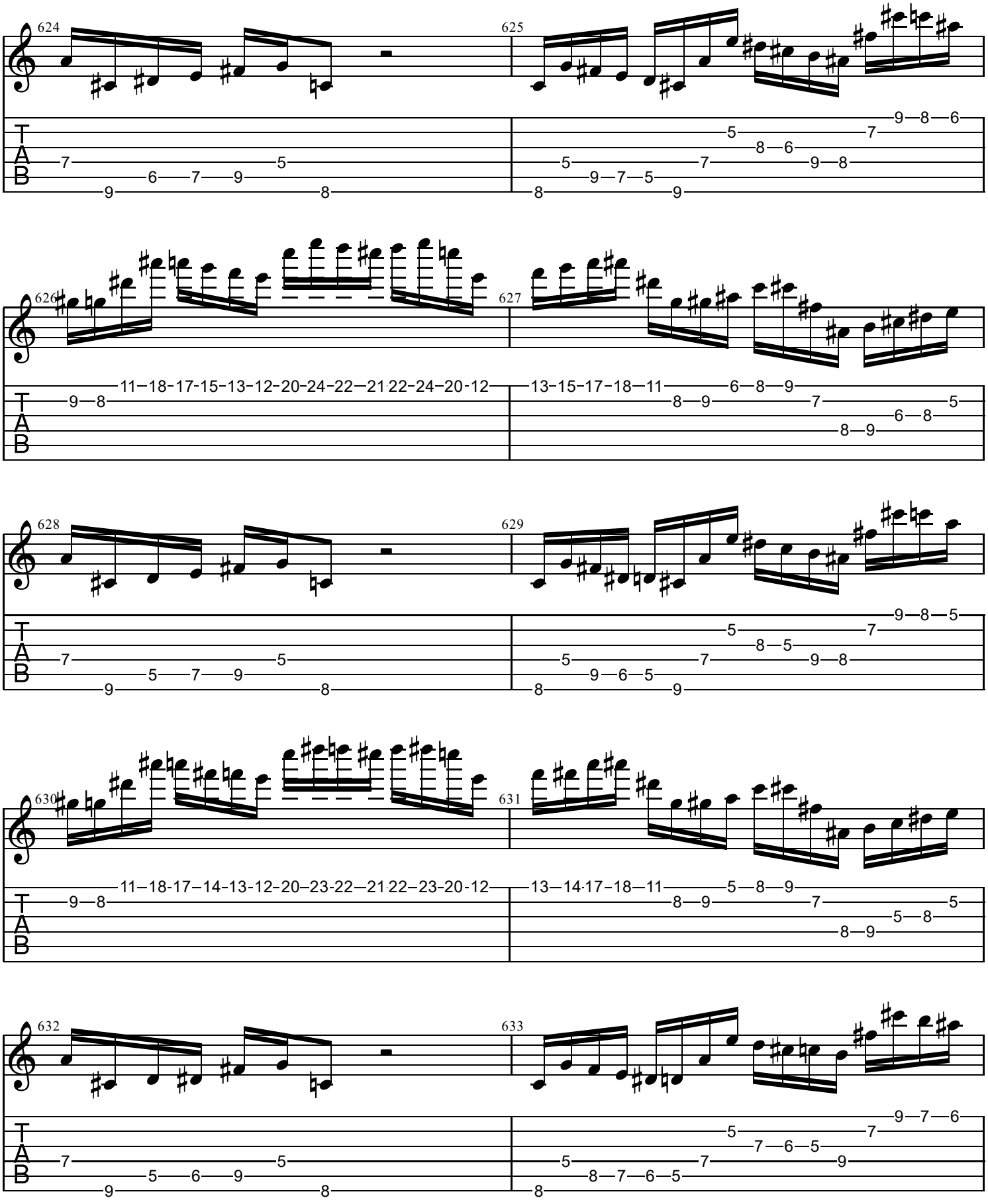
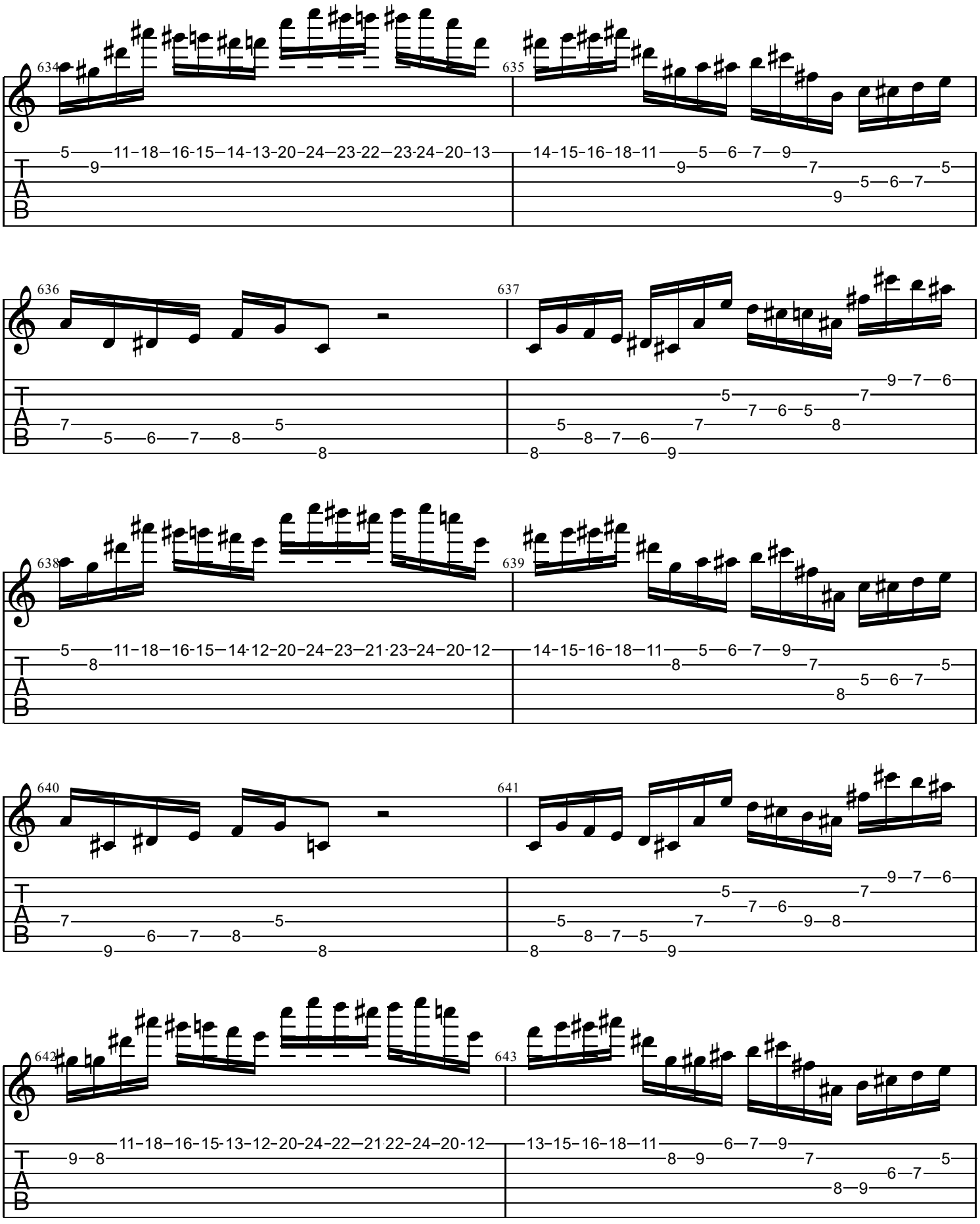
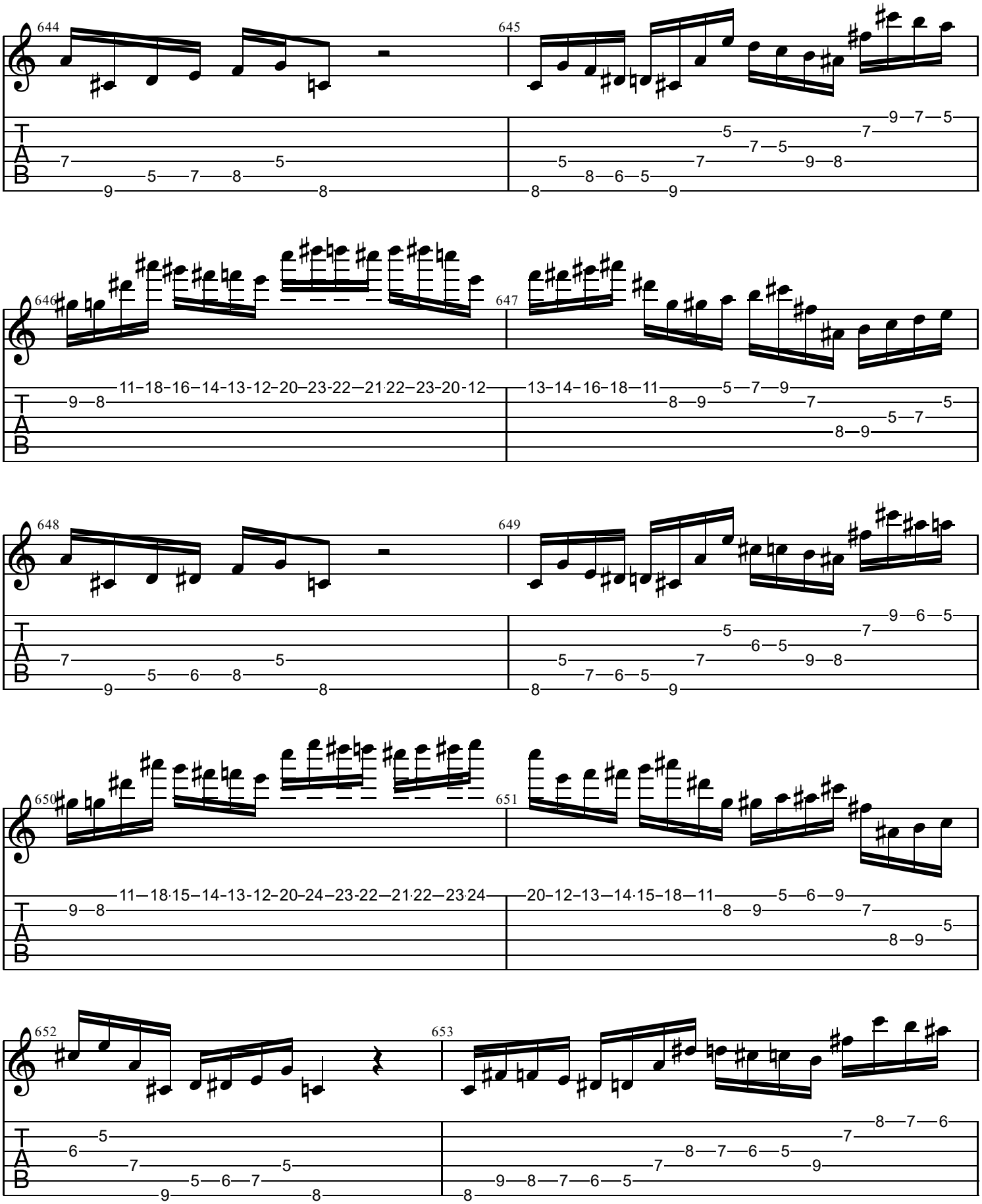
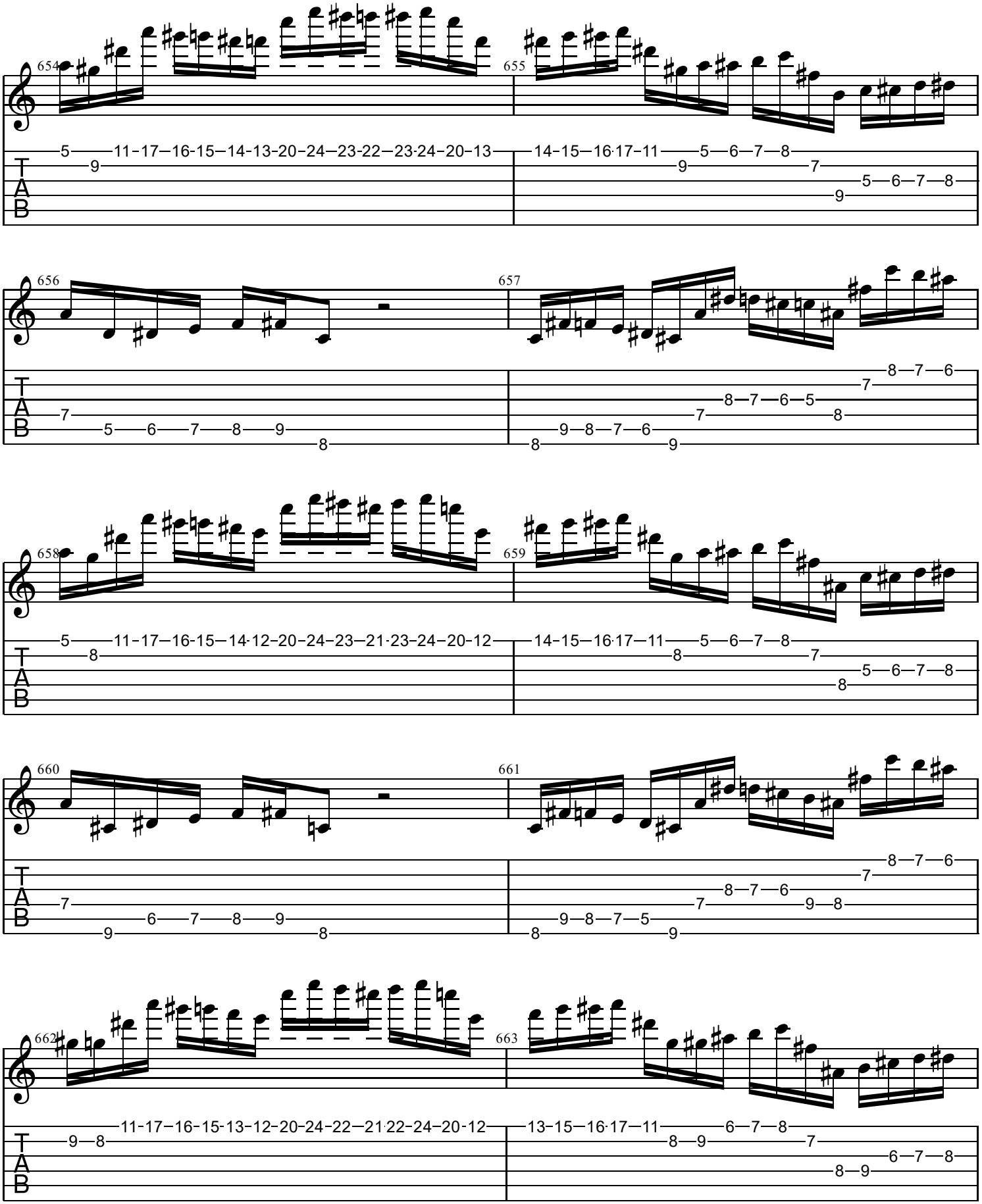
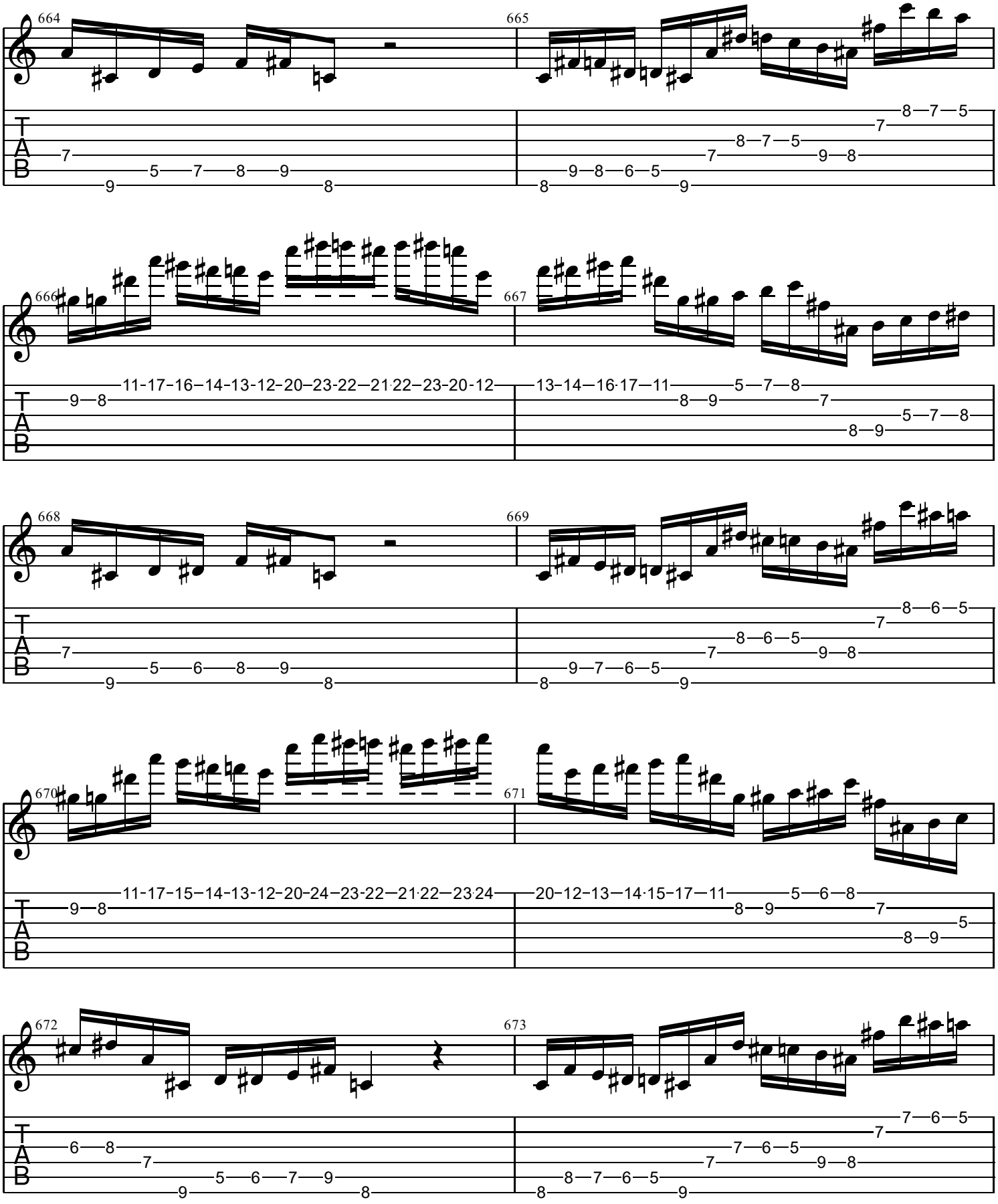
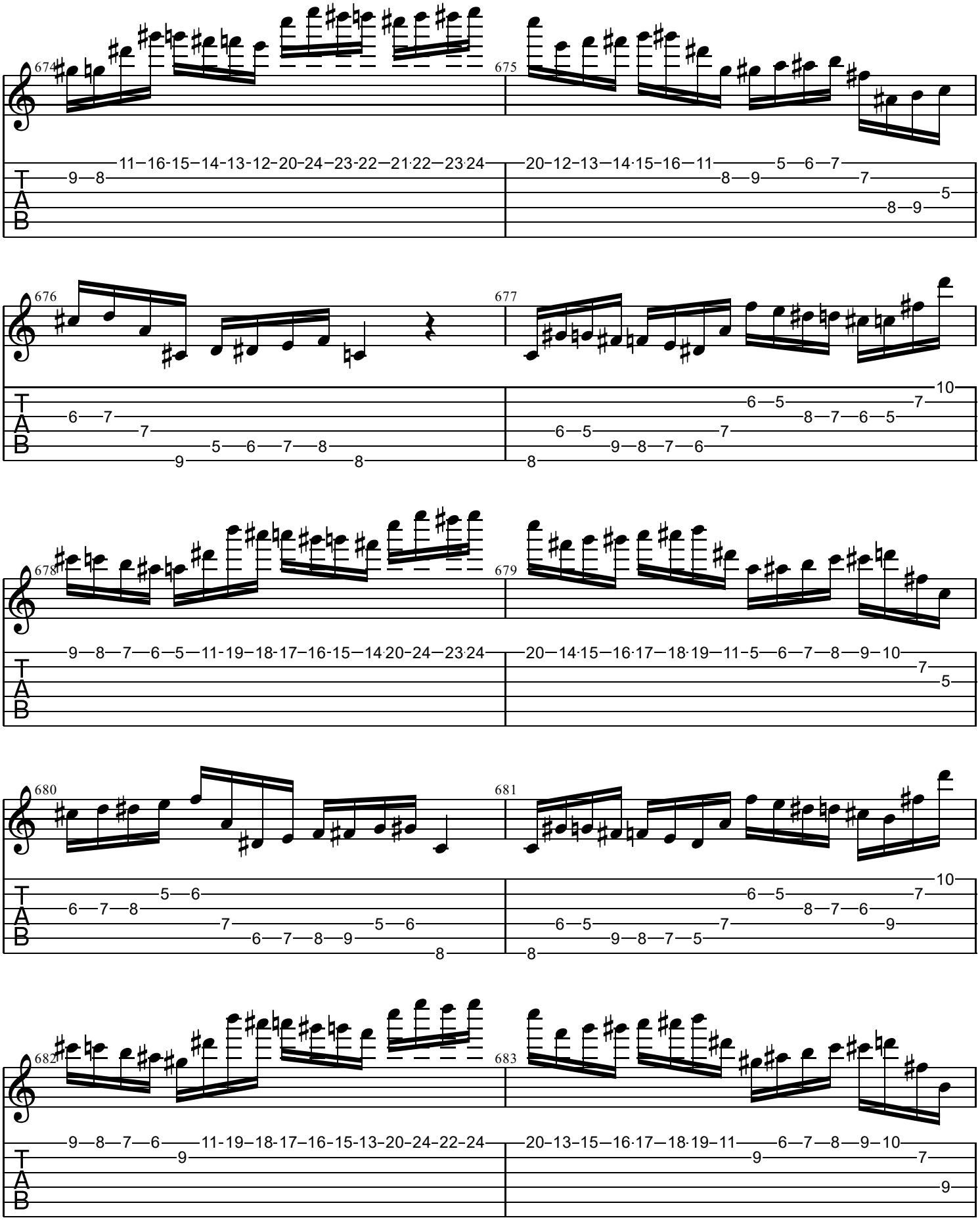
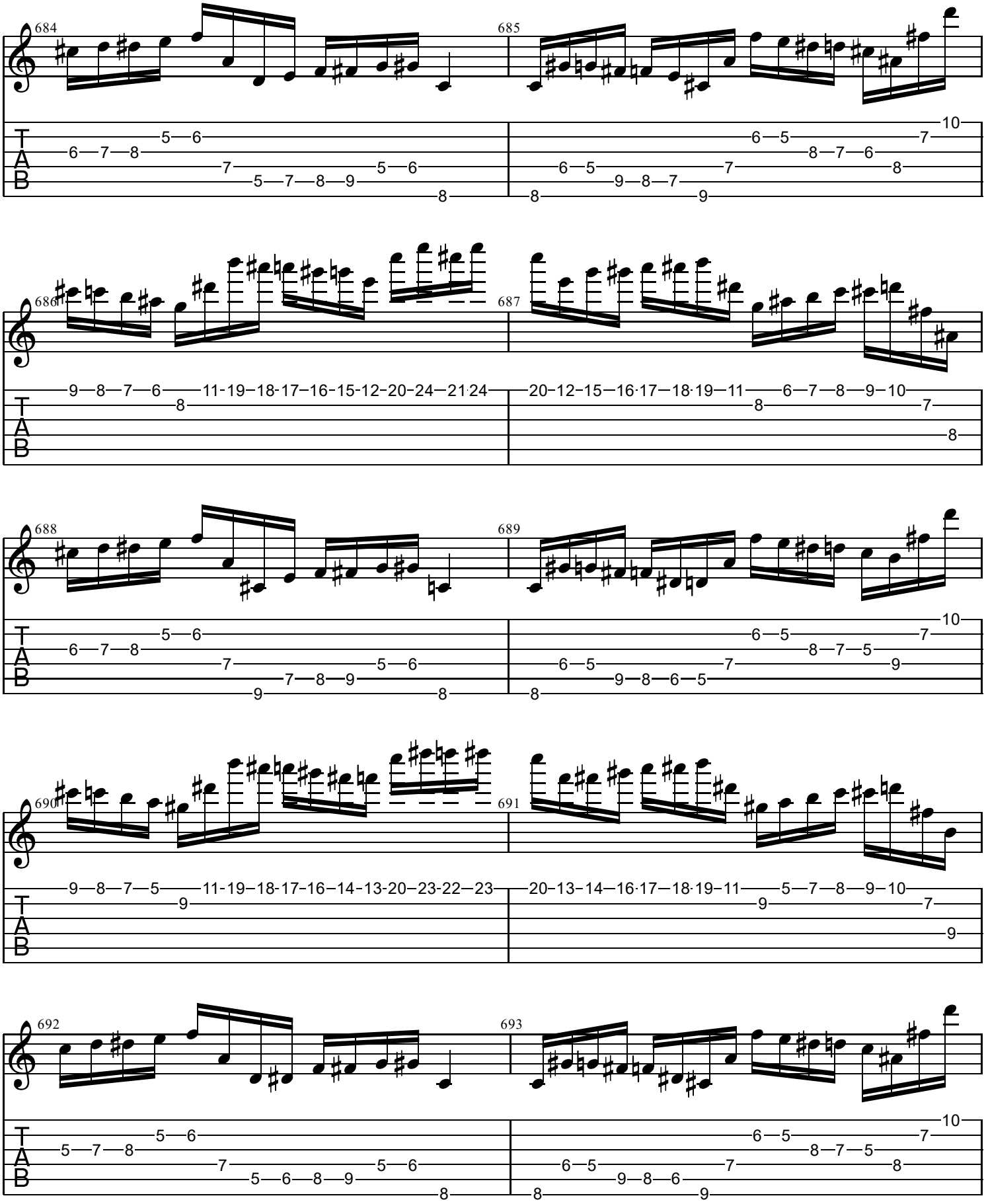
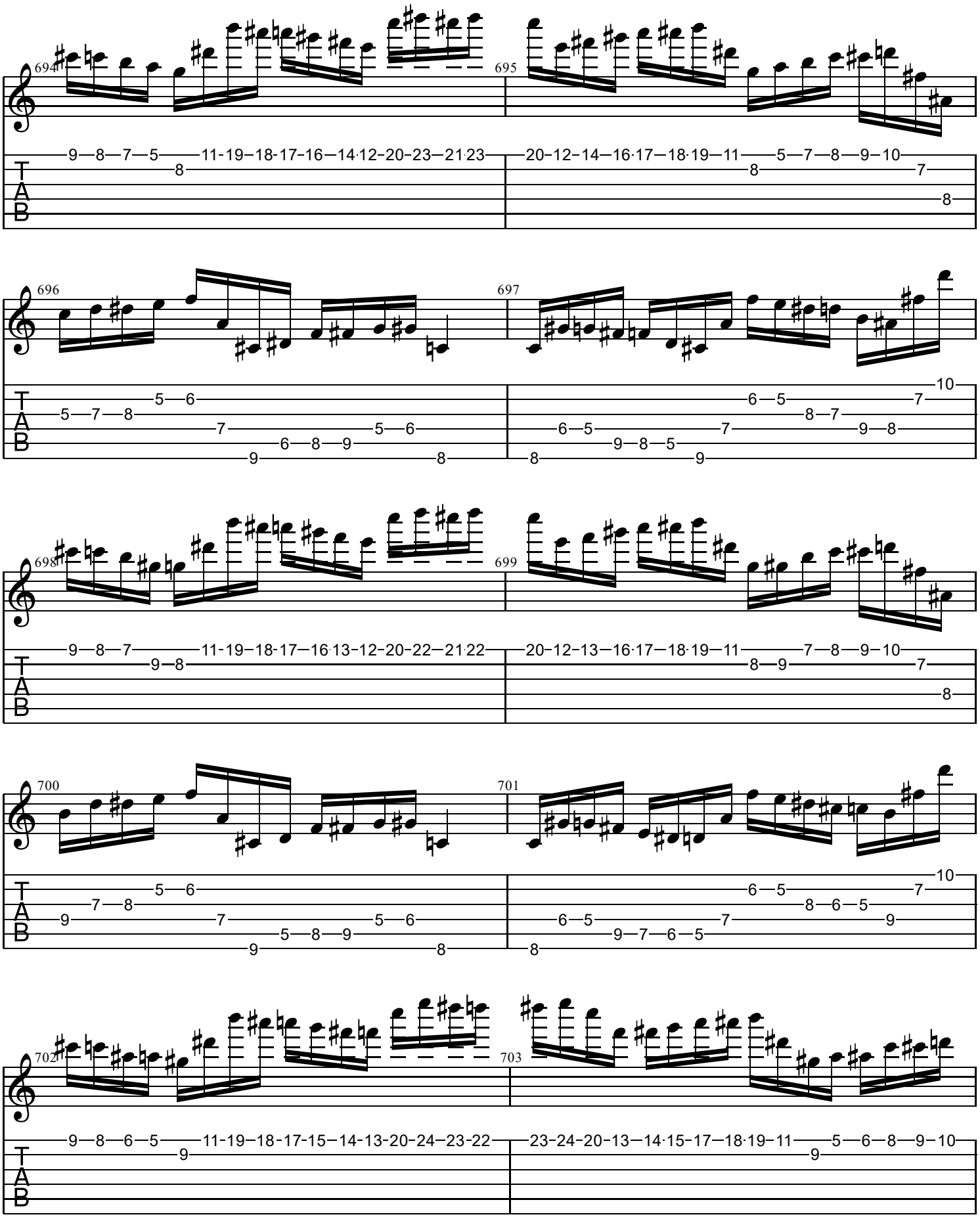
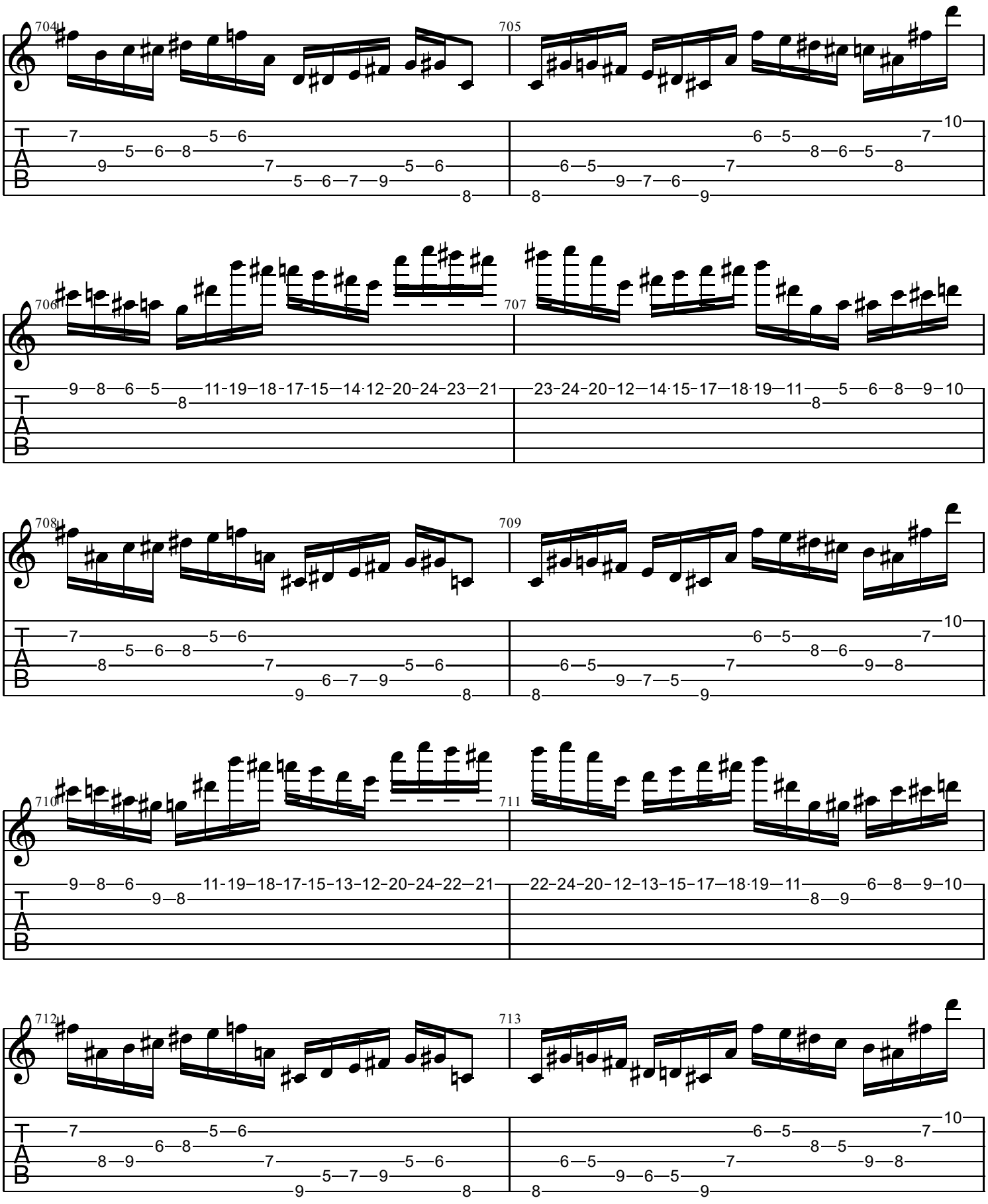
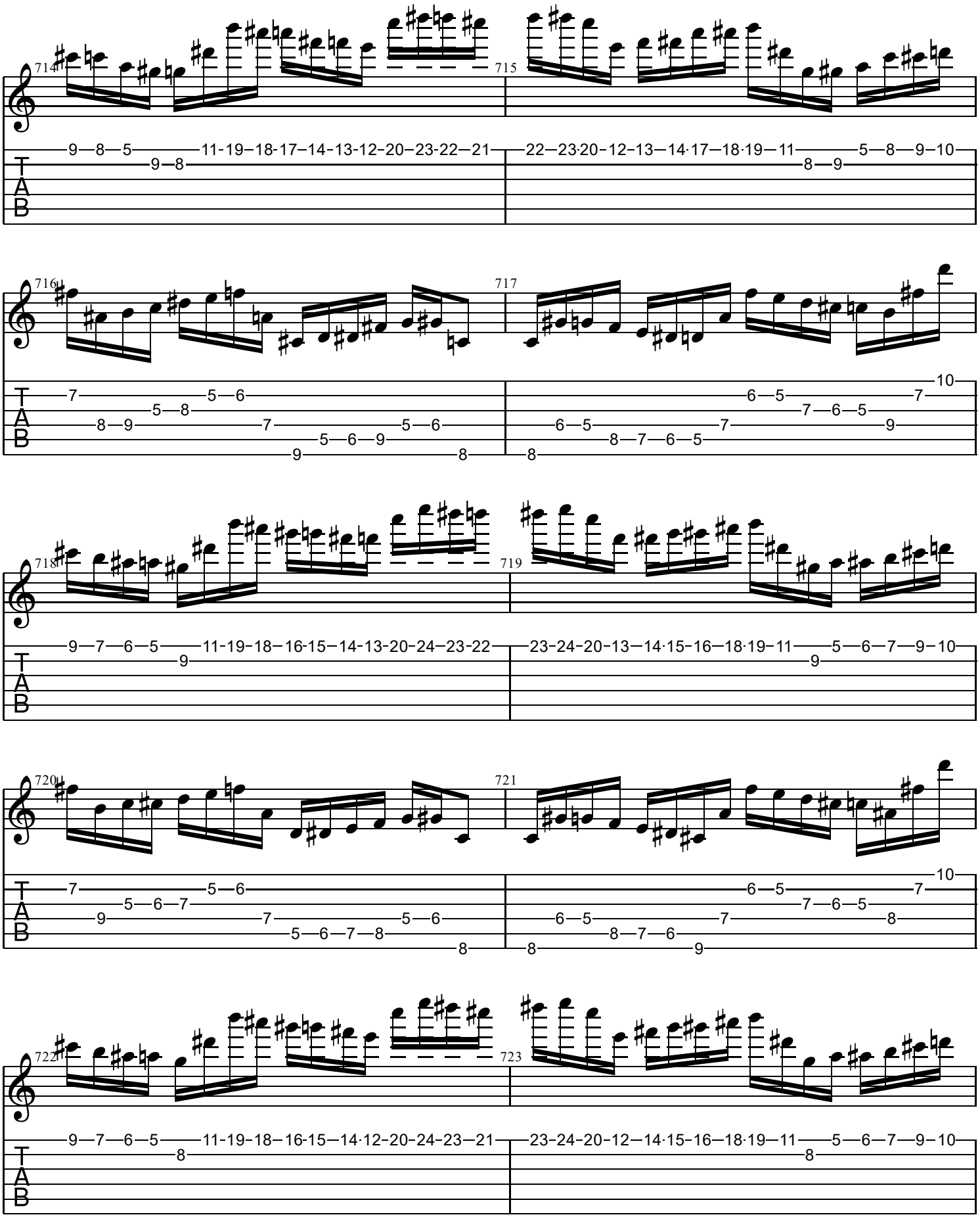
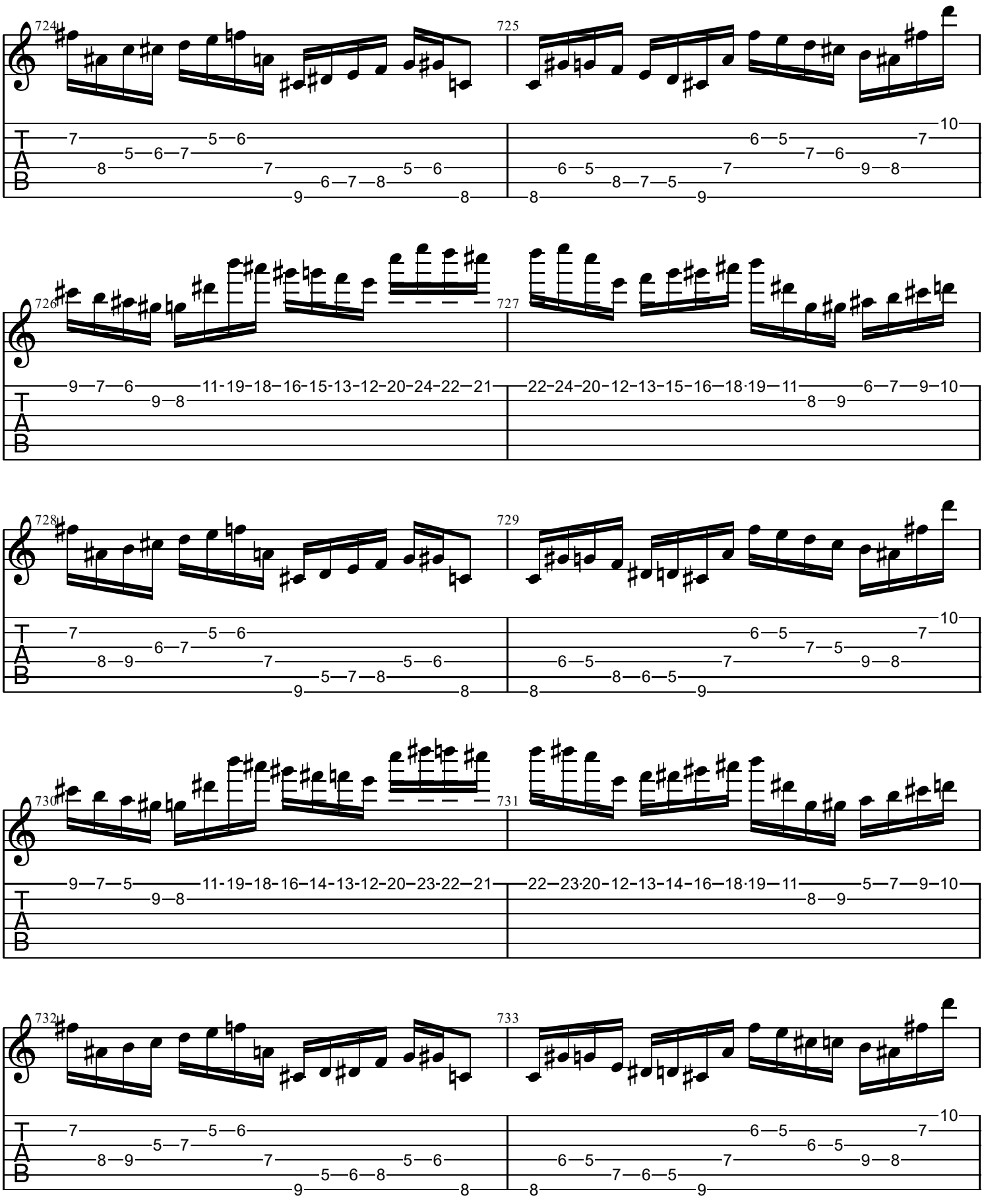
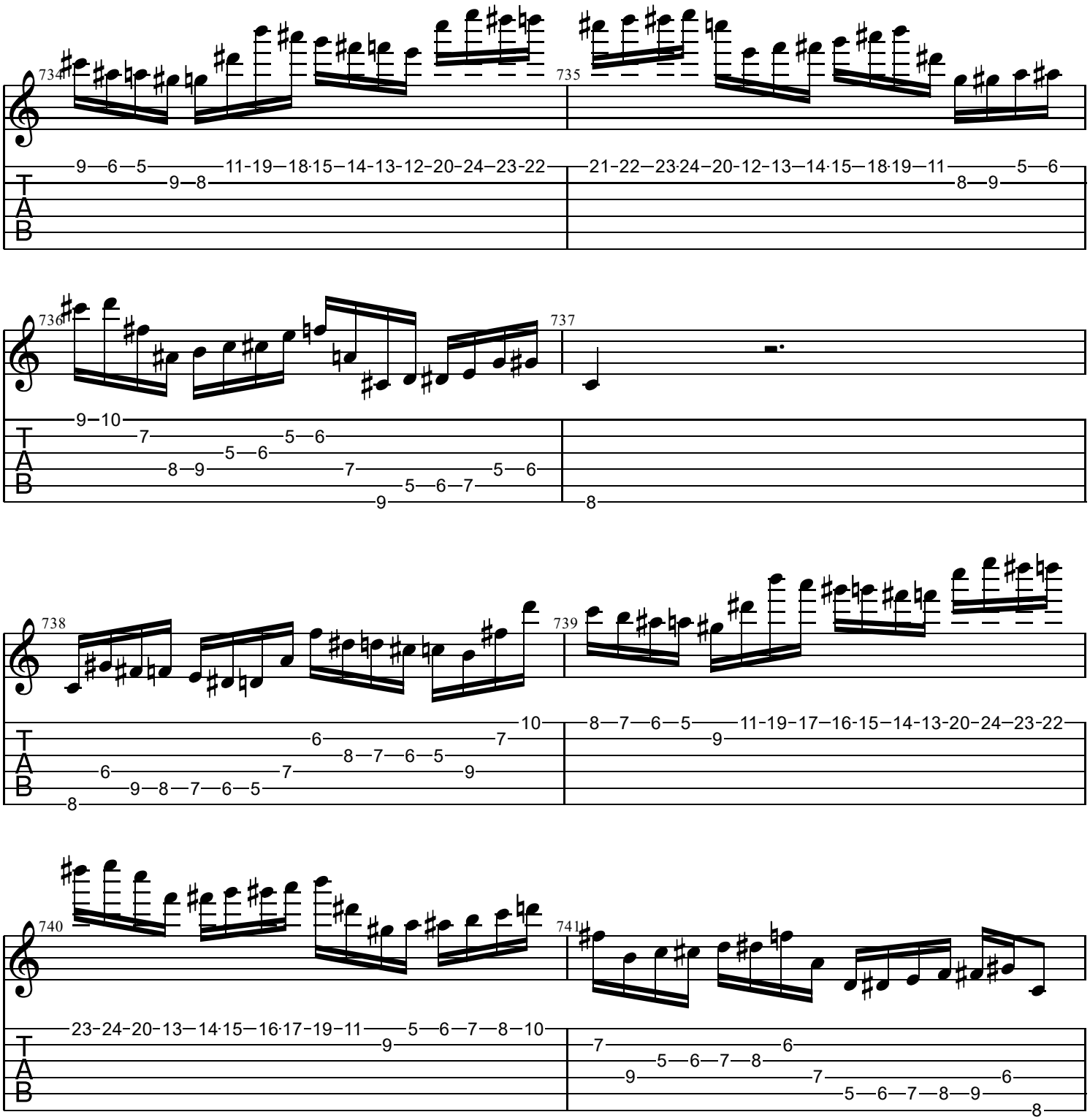
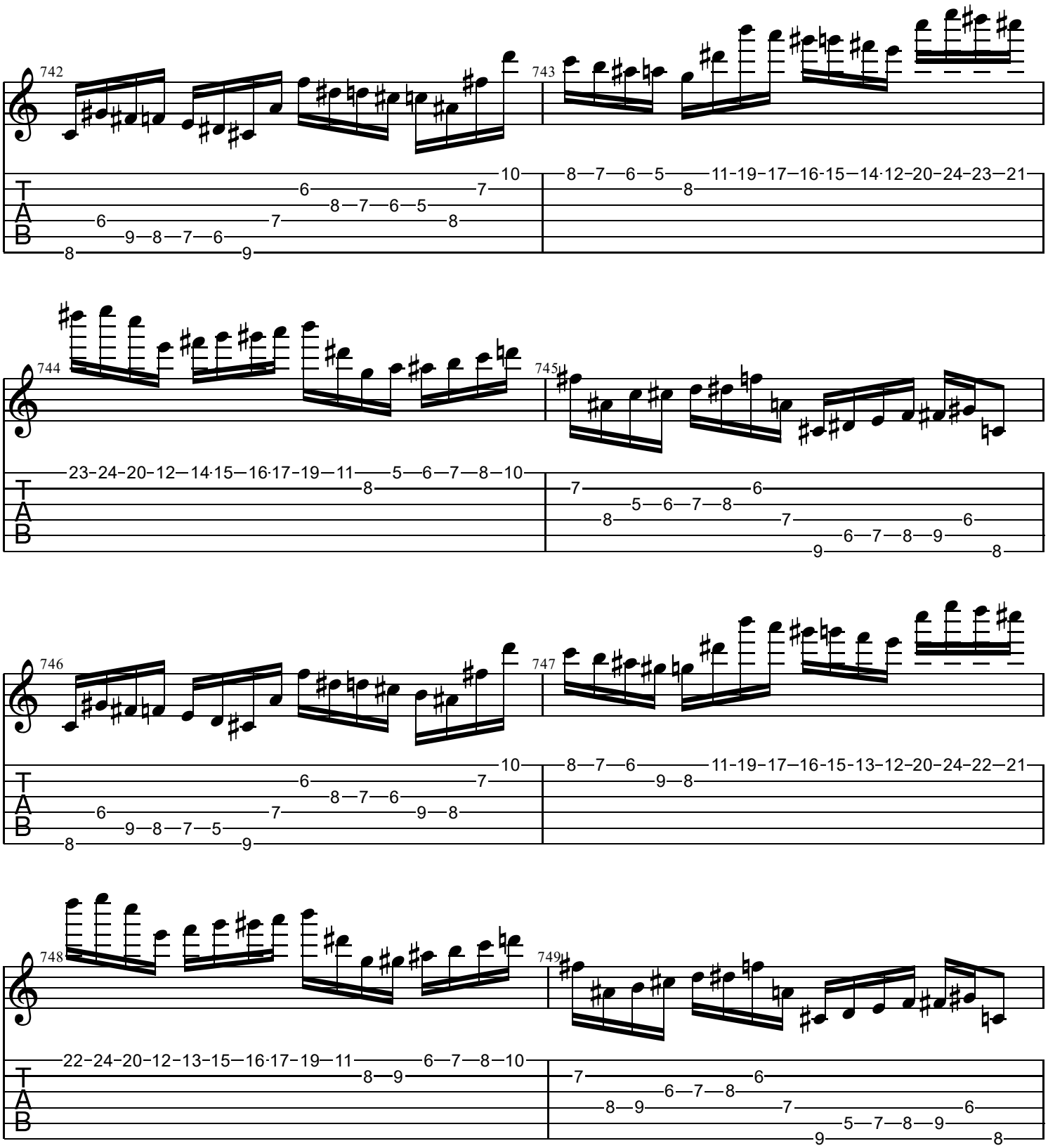
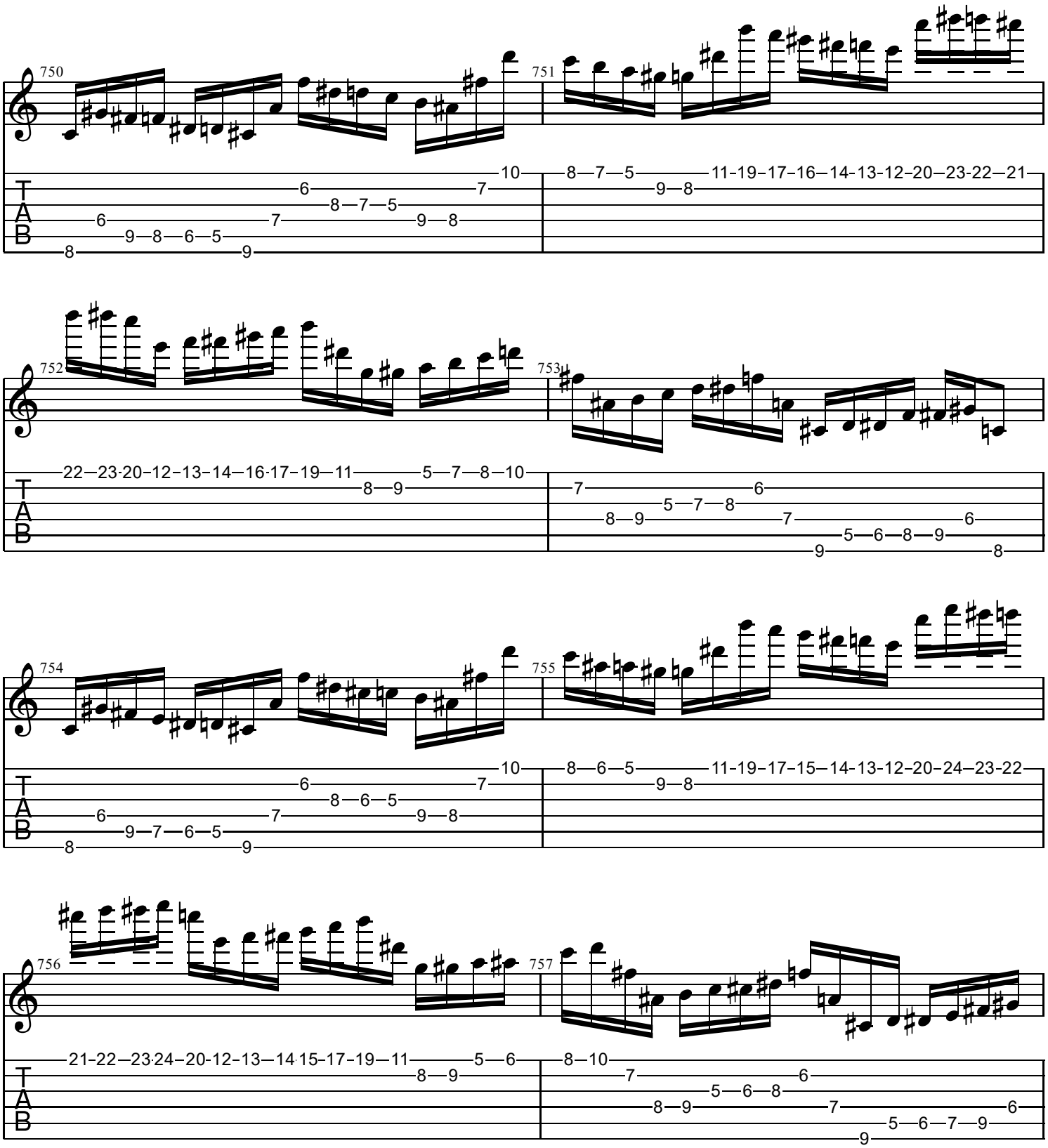
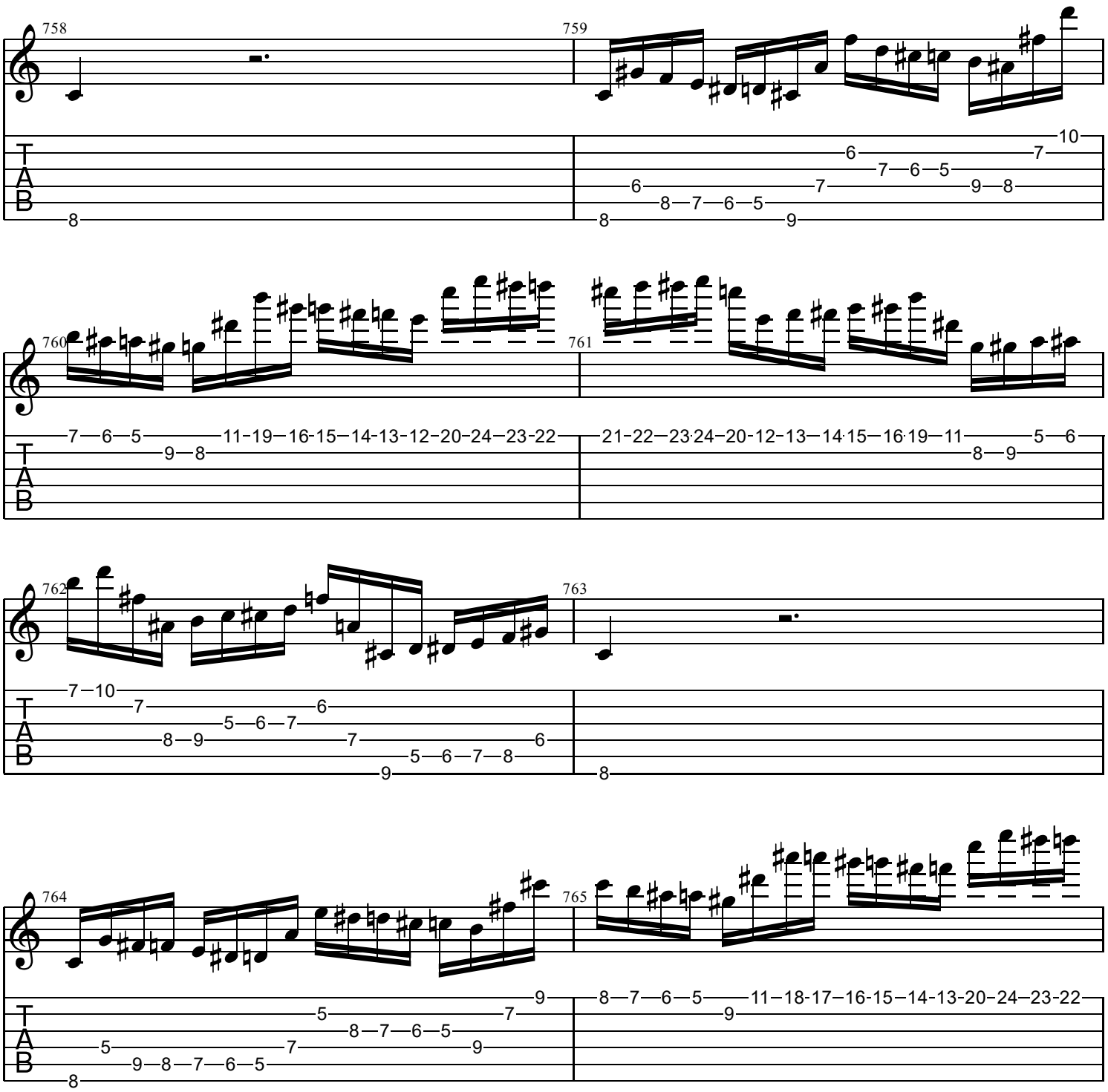
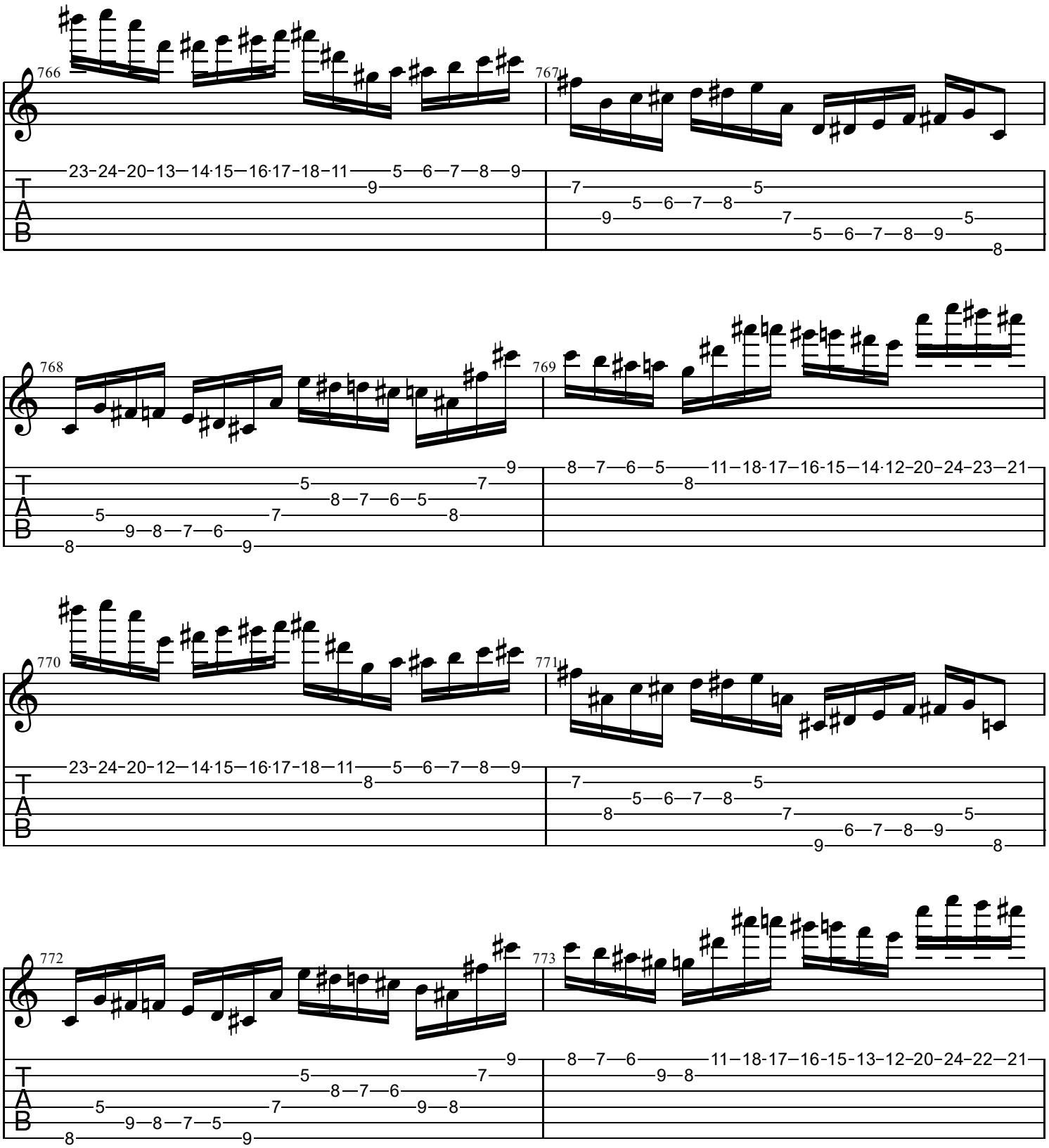
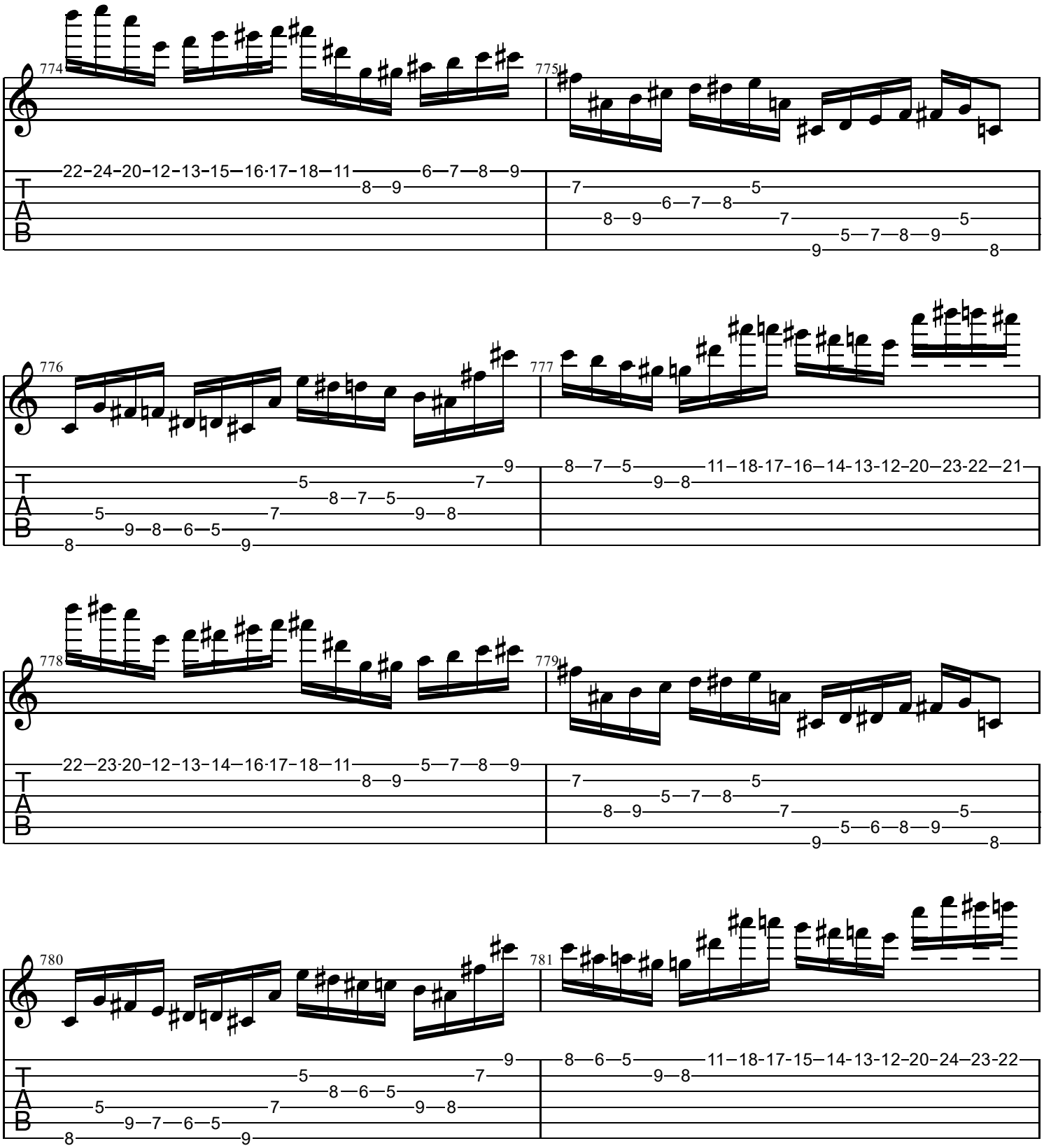
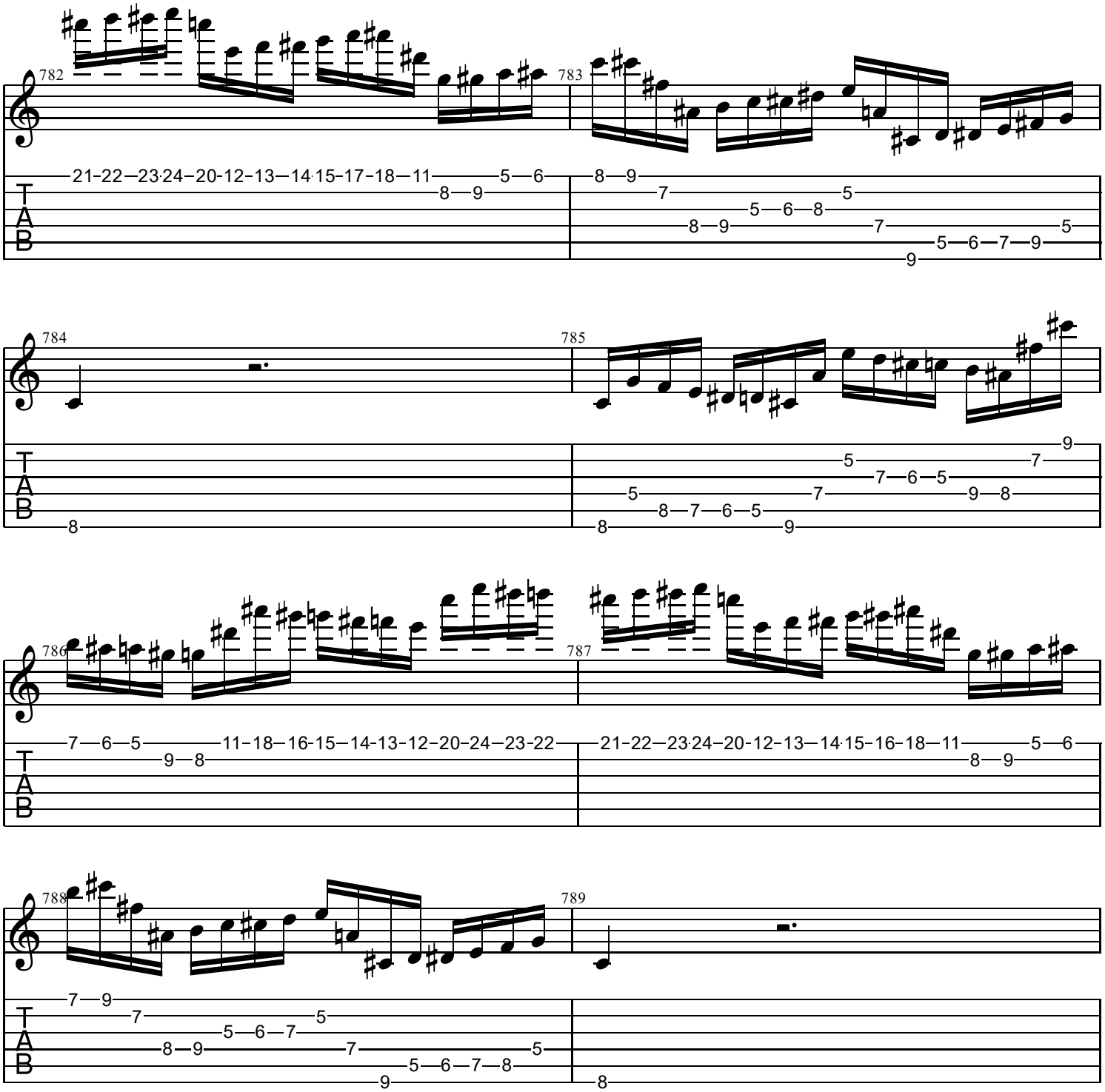
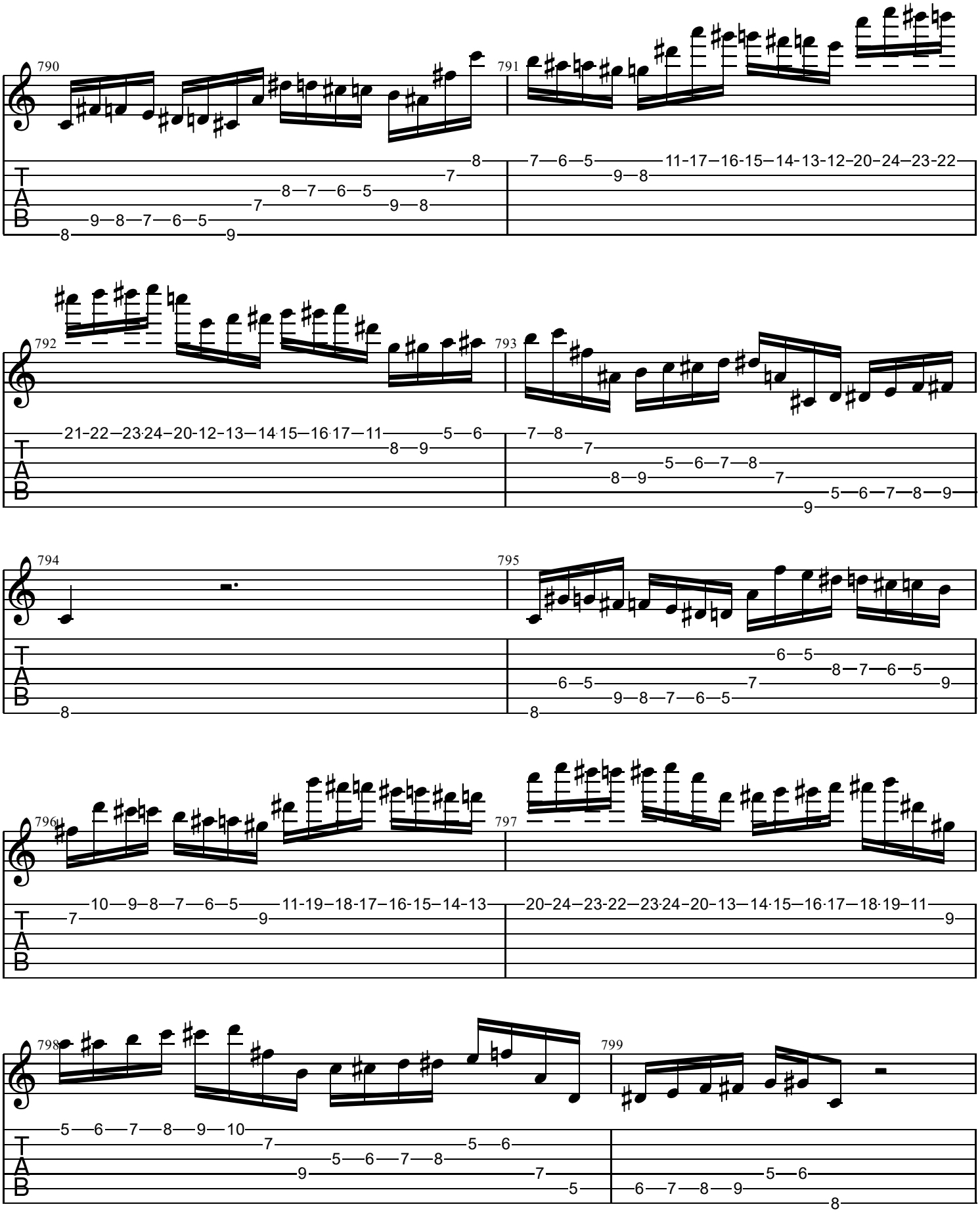
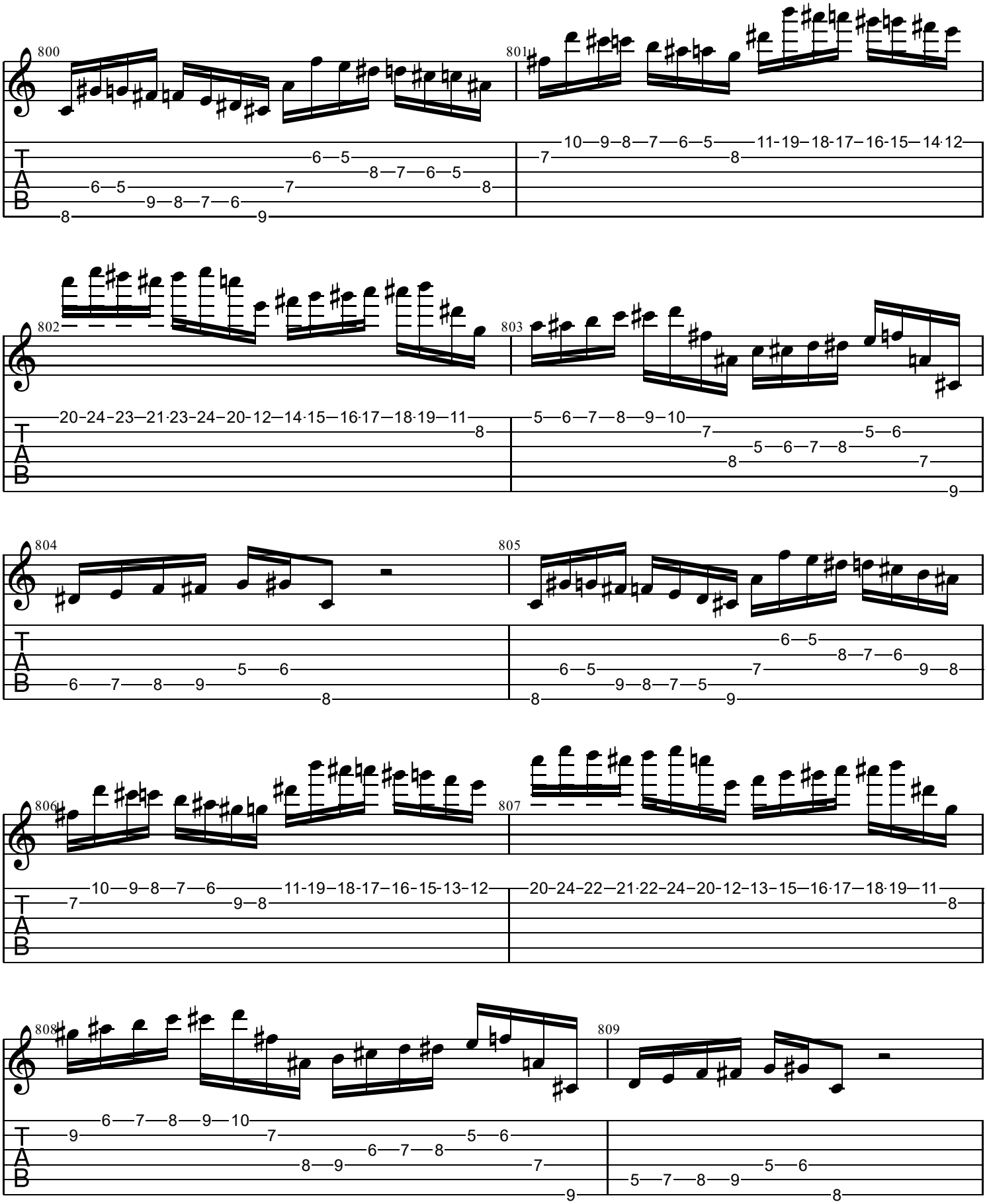
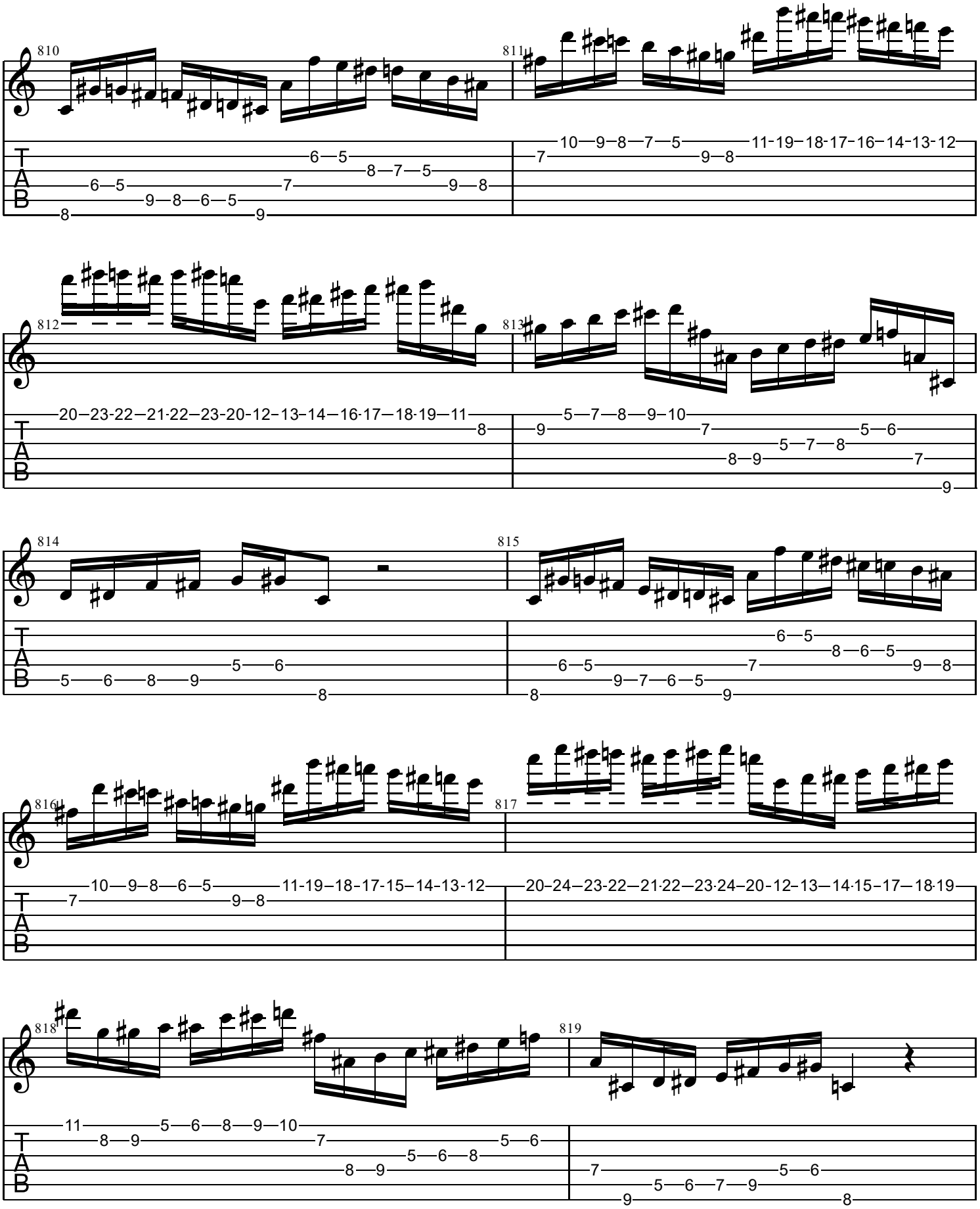
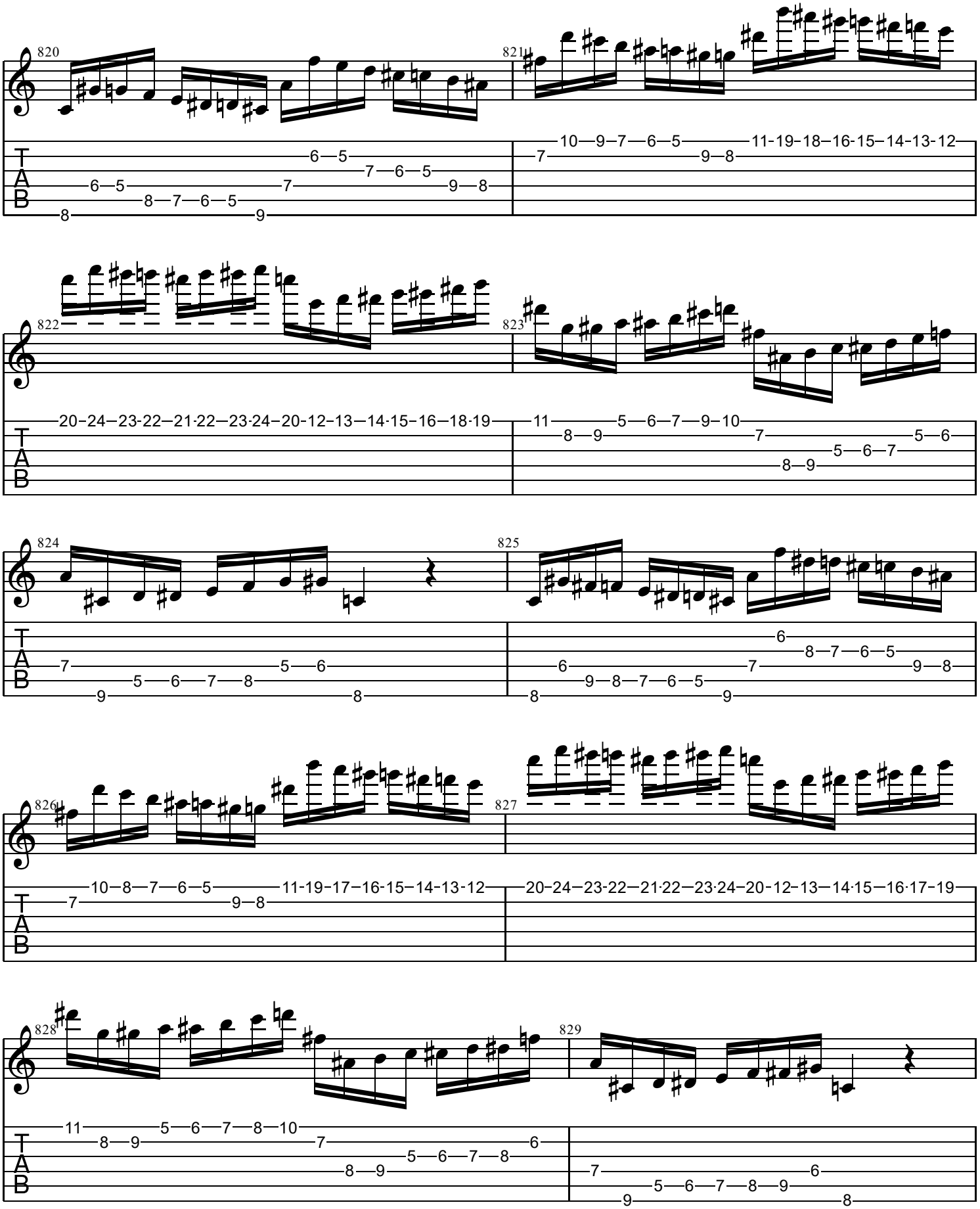
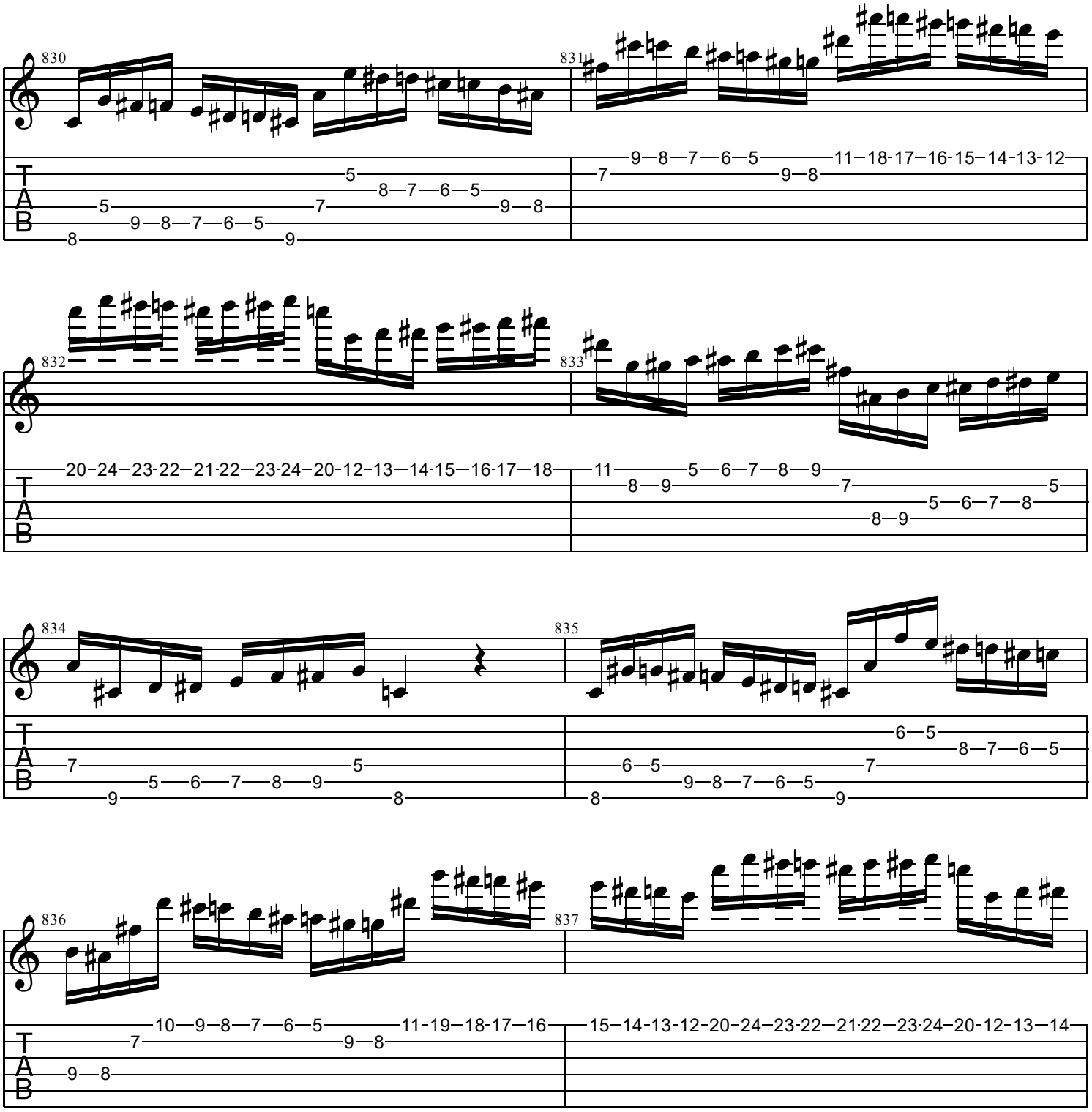
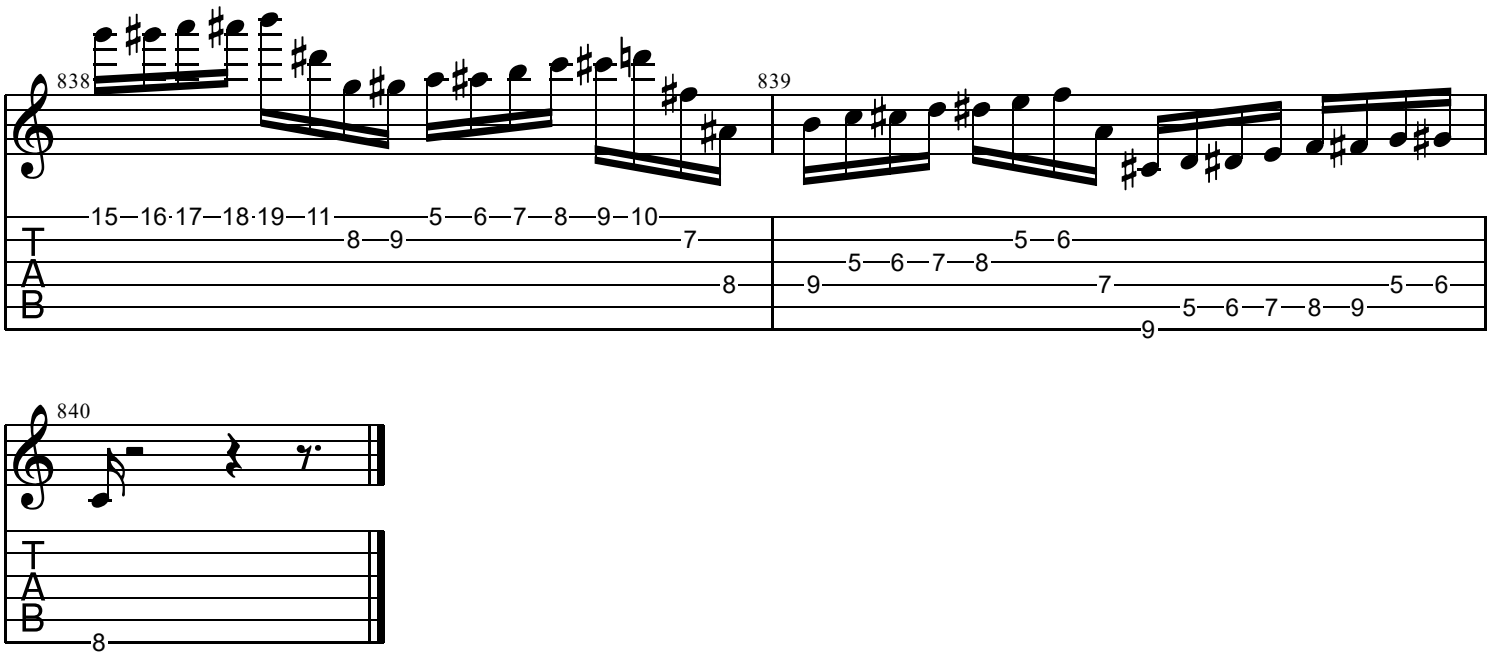
SESQUIQUADRITONE PROGRESSION

Equal Division of Three Octaves into Four Parts (Major sixth) Ultra-infra

♩ = 90

8
9
7 11 16 20 16 11 7
10
11
6 11 15 20 24 20 15 11 6
12
13
5 11 14 20 23 20 14 11 5
14
15
11 13 20 22 20 13 11
T
A
B

16
17
18
19
20
21
22
23
T
A
B

24
25
10—6—11-19-15-20-24-20-15
19—11—6—10
26
27
10—5—11-19—14-20—23-20-14
19—11—5—10
28
29
10——11-19-13-20-22-20-13
19—11——10
30
31
10——11-19-12-20—21-20-12
19—11——10

32
33
34
35
36
37
38
39
T
A
B

40
41
42
43
44
45
46
47
T
A
B

48
49
50
51
52
53
54
55
T
A
B

56
57
7—5—11–16—14·20—23·20–14
16—11—5—7
58
59
7—11—16-13–20–22–20–13
16—11—7
60
61
7—11—16-12–20—21-20-12
16—11—7
62
63
6—5—11-15—14·20–24—23·24
20—14—15—11—5—6
T
A
B

64
65
66
67
68
69
70
71
T
A
B

72
11-13-12-20-22-21·22
7—9—8
7—9—8
5
8—9
73
20—12—13—11
8—9—7
8—9—7
5
9—8
74
10—9—8—11-19—18-17
6—5—7
8
6—5—7
9
8
75
20-17—18·19—11—8—9—10
7—5—6
8
7—5—6
9
76
8
77
10—9—7—11-19—18—16
6—5—7
7
6—5—7
8
8
78
20-16—18·19—11-7—9—10
7—5—6
7
7—5—6
8
79
8

80
81
82
83
84
85
86
87
T
A
B

88
89
90
91
92
93
94
95
T
A
B

96
97
98
99
100
101
102
103
T
A
B

104
105
106
107
108
109
110
111
T
A
B

112
113
114
115
116
117
118
119
T
A
B

120
121
20-24-23-24-20-14-15-19-11-5-6-10
122
123
20-24-22-24-20-13-15-19-11-6-10
124
125
126
127
20-24-21-24-20-12-15-19-11-6-10

128
129
130
131
132
133
134
135
T
A
B

136
137
138
139
140
141
142
143
T
A
B

144
145
146
147
148
149
150
151
T
A
B

152
153
154
155
156
157
158
159
T
A
B

160
161
162
163
164
165
166
167
T
A
B

168
169
170
171
172
173
174
175
T
A
B

176
177
178
179
180
181
182
183
T
A
B

184
185
186
187
188
189
190
191
T
A
B

192
193
20–21-20-12–16·17–11——7—8
8——7
7—8
8——7
9
8——9
8
194
195
8—6—5—11-17-15—14
7
8—6—5
7
9—7—6
8
20-24—23·24-20—14·15-17—11-5—6—8
7
5—6—8
196
197
7
6——7——9
8
8—6——11-17-15-13
7——9
8—6
7——9
9—7—5
8
198
199
20-24-22-24-20-13-15-17-11——6—8
9——7
6—8
9
7
5——7——9
8
T
A
B

200
201
202
203
204
205
206
207
T
A
B

208
209
210
211
212
213
214
215
T
A
B

216
217
20-24-22-24-20-13-15-16-11 6 7
9 7
6 7
9
7
5 7 8
8
218
219
7 6 11-16-15-12
7 8
7 6
7 8
8 7
8 9
20-24-21-24-20-12-15-16-11 6 7
8 7
6 7
8
220
221
7 5 11-16-14-13
7 9
7 5
7 9
8 6 5
8
7
7 8
9 8
222
223
20-23-22-23-20-13-14-16-11 5 7
9 7
5 7
9
7
5 6 8
8
T
A
B

224
225
226
227
228
229
230
231
T
A
B

232
233
234
235
236
237
238
239
T
A
B

240
241
242
243
244
245
246
247
T
A
B

248
249
250
251
252
253
254
255
T
A
B

256
257
258
259
260
261
262
263
T
A
B

264
19 18 16 13 20 22 20 13 16 18 19 11 7 9 10
9
265
7 5 6
7
9 7 5 6
5 8
8
266
10 9 7 11
6 5 7 8
7
6 5 7 8
8 9
267
19 18 16 12 20 21 20 12 16 18 19 11 7 9 10
8
268
7 5 6
7
8 7 5 6
8
9 8
269
10 9 6 5 11
6 5 7
6 5
6 5 7
7 6
8
270
19 18 15 14 20 24 23 24 20 14 15 18 19 11 5 6
9 10
7 5 6
5 6
7 5 6
6 7
8
271
T
A
B

272
273
274
275
276
277
278
279
T
A
B

280
281
282
283
284
285
286
287
T
A
B

288
19–17–16–15–20–24–20–15–16–17–19–11–6–7–8–10
289
7–6–7–8–7–6–7–8–9–8
290
10–8–7–5–11–6–7–8–7–5–6–9–8–6–7–8
291
19–17–16–14·20–23·20–14–16–17–19–11–5–7–8–10
292
7–5–7–8–6–7–6–8–9–8
293
10–8–7–11–6–7–9–8–7–6–9–8–7–9–8–5
294
19–17–16–13–20–22–20–13–16–17–19–11–9–7–8–10
295
7–6–7–8–9–7–6–5–8–9–8
T
A
B

296
297
298
299
300
301
302
303
T
A
B

304
305
306
307
308
309
310
311
T
A
B

312
313
314
315
316
317
318
319
T
A
B

320
321
322
323
324
325
326
327
T
A
B

328
329
330
331
332
333
334
335
T
A
B

336
337
338
339
340
341
342
343
T
A
B

344
345
346
347
348
349
350
351
T
A
B

352
353
354
355
356
357
358
359
T
A
B

360
361
362
363
364
365
366
367
T
A
B

368
369
370
371
372
373
374
375
T
A
B

376
377
378
379
380
381
382
383
T
A
B

384
385
386
387
388
389
390
391
T
A
B

392
393
394
395
396
397
398
399

400
401
402
403
404
405
406
407
T
A
B

408
409
410
411
412
413
414
415
T
A
B

416
417
418
419
420
421
422
423
T
A
B

424
425
426
427
428
429
430
431

432
433
434
435
436
437
438
439
T
A
B

440
441
442
443
444
445
446
447
T
A
B

448
449
450
451
452
453
454
455
456
457
T
A
B

458
7—5—11-19—18-17-16—14·20—23·20-14-16-17—18·19
459
11—5—7—8—9—10
7—5—6
5—7—8
7
6—8—9
460
5—6
8
461
6—5—7
10—9—8
8—7
6—5—7—9
9—8—5
8
462
7—11-19—18-17—16·13-20-22-20-13-16-17—18·19
9
463
11—7—8—9—10
9—7—5—6
7—8
9—7
5—8—9
464
5—6
8
465
6—5—7
10—9—8
8—7
6—5—7—8
9—8
8—9
466
7—11-19—18-17—16·12-20—21-20-12-16-17—18·19
8
467
11—7—8—9—10
8—7—5—6
7—8
8—7
8—9
9

468
469
470
471
472
473
474
475
476
477
T
A
B

478
479
480
481
482
483
484
485
T
A
B

486
487
488
489
490
491
492
493
T
A
B

494
6—5—11-19-18—16-15—14·20-24—23·24-20-14-15—16
495
18-19—11-5—6—7—9—10
7—5—6
5—6—7
7
6
496
7—8—5—6
8
497
10—9—7
6—5—7
7—6
6—5—7—9
8—7—5
8
498
6—11-19-18—16-15-13-20-24-22-24-20-13-15—16
9
499
18-19-11—6—7—9—10
9—7—5—6
6—7
9—7
5
500
7—8—5—6
8
501
10—9—7
6—5—7
7—6
6—5—7—8
8—7
8—9
502
6—11-19-18—16-15-12-20-24—21·24-20-12-15—16
8
503
18-19—11—6—7—9—10
8—7—5—6
6—7
8—7
9
T
A
B

504
505
506
507
508
509
510
511
512
513
T
A
B

514
11-19-18—16·13-12-20-22—21·22-20-12-13-16
9—8
515
18-19—11—7—9—10
8—9—7—5—6
7
8—9—7
9
516
5—8
5—6
8
517
10—9—6
6—5—7
6—5
6—5—7—9
7—6—5
8
518
5—9
11-19—18-15—14-13-20-24—23-22—23·24-20-13
519
14-15—18·19-11—5—6—9—10
9—7—5—6
5—6
9
520
7—5—6—7
5—6
8
521
10—9—6
6—5—7
6—5
6—5—7—8
8—7—6
9
522
5—8
11-19—18-15—14·12-20-24—23—21·23-24-20-12
523
14-15—18·19-11—5—6—9—10
8—7—5—6
5—6
8
T
A
B

524
525
526
527
528
529
530
531
532
533
T
A
B

534
6—5—11-19-17—16-15—14 20-24—23 24-20-14-15—16
535
17-19—11-5—6—7—8—10
7—6
5—6—7—8
7—6
536
7—8—9—6—8
537
10—8—7
6—7
8—7—6
6—7—9
9—8—7—5
8
538
6—11-19-17—16-15-13-20-24-22-24-20-13-15—16
9
539
17-19-11—6—7—8—10
9—7—6
6—7—8
9—7—5
540
7—8—9—6—8
541
10—8—7
6—7
8—7—6
6—7—8
9—8—7—9
542
6—11-19-17—16-15-12-20-24—21 24-20-12-15—16
8
543
17-19—11—6—7—8—10
8—7—6
6—7—8
8—7—9
T
A
B

544
545
546
547
548
549
550
551
552
553
T
A
B

554
555
556
557
558
559
560
561
562
563
T
A
B

564
565
566
567
568
569
570
571
572
573
11-19-17-15-13-12-20-24-22-21-22-24-20-12
13-15-17-19-11-6-8-10
11-19-17-14-13-12-20-23-22-21-22-23-20-12
13-14-17-19-11-5-8-10

574
575
576
577
578
579
580
581
582
583
T
A
B

584
585
586
587
588
589
590
591
592
593
T
A
B

594
595
596
597
598
599
600
601
602
603
T
A
B

604
605
606
607
608
609
610
611
612
613
T
A
B

614
615
616
617
618
619
620
621
622
623
T
A
B

624
625
626
627
628
629
630
631
632
633
T
A
B

634
635
636
637
638
639
640
641
642
643
TAB

644
645
646
647
648
649
650
651
652
653
T
A
B

654
655
656
657
658
659
660
661
662
663
TAB

664
665
666
667
668
669
670
671
672
673
11-17-16-14-13-12-20-23-22-21-22-23-20-12
13-14-16-17-11-5-7-8
11-17-15-14-13-12-20-24-23-22-21-22-23-24
20-12-13-14-15-17-11-5-6-8

674
675
676
677
678
679
680
681
682
683
T
A
B


684
685
686
687
688
689
690
691
692
693
T
A
B

694
695
696
697
698
699
700
701
702
703
T
A
B

704
705
706
707
708
709
710
711
712
713
T
A
B

714
715
716
717
718
719
720
721
722
723
T
A
B

724
725
726
727
728
729
730
731
732
733
T
A
B

734
735
736
737
738
739
740
741
T
A
B

742
743
744
745
746
747
748
749
T
A
B

750
751
752
753
754
755
756
757
T
A
B

758
759
760
761
762
763
764
765
T
A
B

766
767
768
769
770
771
772
773
T
A
B

774
775
776
777
778
779
780
781
T
A
B

782
783
784
785
786
787
788
789
T
A
B

790
791
792
793
794
795
796
797
798
799
T
A
B

800
801
802
803
804
805
806
807
808
809

810
811
812
813
814
815
816
817
818
819
T
A
B

820
821
822
823
824
825
826
827
828
829

830
831
832
833
834
835
836
837
T
A
B


838
839
15—16·17—18·19—11—5—6—7—8—9—10—
8—9—7—
8—
5—6—
5—6—7—8—
9—7—5—6—
5—6—7—8—9—
9—
T
A
B

840
T
A
B
8—